



U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE  
PUBLIC HEALTH SERVICE

# ESTABLISHMENTS AND PRODUCTS

LICENSED UNDER SECTION 351 OF THE PUBLIC HEALTH SERVICE ACT



PUBLIC HEALTH SERVICE PUBLICATION NO. 50  
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DIVISION OF BIOLOGICS STANDARDS  
NATIONAL INSTITUTES OF HEALTH  
BETHESDA, MARYLAND 20014



## INTRODUCTION

Public Health Service Publication No. 50 contains listings of establishments holding licenses issued in accordance with section 351 of an act of Congress approved July 1, 1944, entitled "Public Health Service Act" (42 U.S.C. 201, et. seq.), and products which these establishments are licensed to manufacture. Section 351 of this act is designed to regulate the sale, barter and exchange of viruses, serums, toxins, antitoxins, vaccines, blood, blood components or derivatives, allergenic products, or analogous products, or arsphenamine or its derivatives (or any other trivalent organic arsenic compound) in the District of Columbia, in Interstate and foreign commerce, and for other purposes.

The granting of a product license means that it has been demonstrated that the establishment and the product for which a license has been issued have met all applicable standards (published in Title 42, Code of Federal Regulations, Part 73) designed to insure the continued safety, purity and potency of such products. The licenses granted to these establishments for the products mentioned do not imply an endorsement of the respective preparations nor do they make the Government a guarantor or insurer of the safety, purity and potency of such licensed products. A license issued to an establishment to manufacture a particular product remains valid until revoked or suspended for failure of such establishment or product to comply with the applicable regulations designed to insure the continued safety, purity and potency of such products or by voluntary surrender of such license by the manufacturer.

This publication consists of four parts:

- Part I      Licensed establishments listed alphabetically with license number. This section may be used as an index to Part II as it also contains a listing of page numbers.
- Part II     Licensed establishments listed numerically by license number and the products each establishment is licensed to manufacture.
- Part III    An alphabetical list of biologic products with the license number of each establishment licensed to manufacture each product.
- Part IV    An alphabetical list of biologic products by category.



## ALPHABETICAL LIST OF LICENSED ESTABLISHMENTS

### PART I

Establishment and License Number	Page No.
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ALLERGY LABORATORIES, INC. #103	17
ALLERGY LABORATORIES OF OHIO, INC. #407	52
ALLERGY SPECIFICS, INC. #412	53
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AMERICAN BLOOD BANK SERVICE, INC. #422	55
AMERICAN BLOOD COMPONENTS, INC. #414	53
AMERICAN NATIONAL RED CROSS (THE) #190	30
ANDREN, INC. #409	53
ARLINGTON HOSPITAL BLOOD BANK #310	42
ARMOUR PHARMACEUTICAL COMPANY #149	21
ATLANTIC CLINICAL LABORATORY BLOOD BANK, INC. #374	48
AURORA AREA BLOOD BANK #222	33
BANCO DE SANGRE METROPOLITANO, INC. #347	45
BARRY LABORATORIES, INC. #119	18
BEECHAM GROUP, LTD. #364	47
BEHRING DIAGNOSTICS, INC. #157	23
BEHRINGERWERKE AG. #97	16
BELLE BONFILS MEMORIAL BLOOD BANK #166	26
BERGEN COMMUNITY BLOOD BANK #274	39
BERKELEY BIOLOGICALS #334	44
BEVERLY BLOOD CENTER, INC. #269	38
BIOPRODUCTS RESEARCH LABORATORIES, INC. #416	54
"BIOTEST"-SERUM-INSTITUT GMBH #433	56
BLOOD BANK OF THE ALAMEDA-CONTRA COSTA MEDICAL ASSOCIATION #191	30
BLOOD BANK OF ALASKA, INC. #361	47
BLOOD BANK OF THE BRYN MAWR HOSPITAL #266	37
BLOOD BANK OF DEACONESS HOSPITAL, INC. #399	51
BLOOD BANK FOUNDATION #165	25
BLOOD BANK OF HAWAII #199	31
BLOOD BANK OF THE MARYLAND GENERAL HOSPITAL #375	48
BLOOD BANK, N.C. MEMORIAL HOSPITAL, UNIVERSITY OF NORTH CAROLINA #314	42
BLOOD BANK OF ST. LUKE'S HOSPITAL (DULUTH) #267	37
BLOOD BANK OF SAN BERNARDINO AND RIVERSIDE COUNTIES, INC. #226	34
BLOOD BANK AND SERUM SERVICE, INC. #404	52
BLOOD BANK OF THE WASHINGTON HOSPITAL CENTER #213	32
BLOOD GROUPING LABORATORY #215	33
BLOOD GROUPING LABORATORY OF BOSTON, INC. #159	24
BLOOD SERVICES #183	29
BROEMMEL PHARMACEUTICALS #372	48
BROOME COUNTY BLOOD CENTER #220	33
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CENTER LABORATORIES, INC. #193	31

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CENTRAL BLOOD SERVICE, INC. #333	43
CENTRAL CALIFORNIA BLOOD BANK #315	42
CENTRAL FLORIDA BLOOD BANK, INCORPORATED #227	32
CENTRAL LABORATORY OF THE NETHERLANDS RED CROSS, BLOOD TRANSFUSION SERVICE #379	49
CHATTANOOGA BLOOD CENTER, INC. #401	52
CHICAGO BLOOD DONOR SERVICE, INC. #169	26
CLEVELAND BIOLOGICALS, INC. #301	41
COFFEE MEMORIAL BLOOD CENTER, INC. #246	36
COLUMBUS BIOLOGICALS, INC. #419	54
COMMUNITY BLOOD BANK OF CENTRAL IOWA #389	50
COMMUNITY BLOOD BANK OF THE KANSAS CITY AREA, INC. #302	41
COMMUNITY BLOOD BANK OF MARION COUNTY, INC. #398	51
COMMUNITY BLOOD BANK OF NORTON, INC. #263	37
COMMUNITY BLOOD BANK AND SERUM SERVICE #295	40
COMMUNITY BLOOD CENTER #394	51
COMMUNITY BLOOD COUNCIL OF GREATER NEW YORK, INC., THE NEW YORK BLOOD CENTER #386	50
COMMUNITY BLOOD COUNCIL OF MERCER COUNTY, INC. #428	55
COMMUNITY BLOOD AND PLASMA SERVICE, INC. #224	33
COMMUNITY BLOOD AND PLASMA SERVICE, INC., OF TEXAS #241	36
COMMUNITY MEMORIAL GENERAL HOSPITAL #277	39
CONNAUGHT MEDICAL RESEARCH LABORATORIES, UNIVERSITY OF TORONTO #73	15
COURTLAND LABORATORIES #171	27
CUTTER LABORATORIES, INC. #8	10
DADE DIVISION OF AMERICAN HOSPITAL SUPPLY CORPORATION #179	27
DAYTON BIOLOGICALS, INC. #356	46
DELMONT LABORATORIES, INC. #299	41
DELTA BLOOD BANK #288	40
DES MOINES COUNTY MEDICAL SOCIETY BLOOD BANK, INC. #348	45
DISTRICT OF COLUMBIA GENERAL HOSPITAL #212	32
DOCTORS HOSPITAL BLOOD BANK #214	32
DOW CHEMICAL COMPANY (THE) #110	18
DUBUQUE BLOOD BANK ASSOCIATION #231	34
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ELIZABETH GENERAL HOSPITAL AND DISPENSARY #327	43
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E. R. SQUIBB & SONS, INC. #52	13
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GREENVILLE GENERAL HOSPITAL BLOOD BANK #357	46
GREER LABORATORIES, INC. #308	42
HARRISBURG POLYCLINIC HOSPITAL #405	52
HARRISON COUNTY BLOOD BANK #339	44
HOFFMANN LABORATORIES, INC. #283	39
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HOLY CROSS HOSPITAL OF SILVER SPRING BLOOD BANK #369	48
HOMER D. COBB MEMORIAL HOSPITAL #425	55
HOSPITAL BLOOD SERVICE, INC. #261	37
HOSPITAL UNIVERSITY OF PENNSYLVANIA BLOOD BANK #289	40
HOUCIN COMMUNITY BLOOD BANK #239	35
HYNSON, WESTCOTT AND DUNNING #125	19
INSTITUTE PLANT EMPLOYEES' BLOOD BANK, UNION CARBIDE CORP. #358	47
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INTERSTATE BLOOD BANK, INC. #173	27
INTERSTATE BLOOD BANK, INC. #268	38
INTERSTATE BLOOD BANK, INC. OF CHICAGO, ILLINOIS #305	41
INSTITUT MERIEUX #384	49
IRWIN MEMORIAL BLOOD BANK OF THE SAN FRANCISCO MEDICAL SOCIETY #182	28
ISTITUTO SIEROTERAPICO VACCINOGENO TOSCANO SCLAVO #238	35
J. K. AND SUSIE L. WADLEY RESEARCH INSTITUTE AND BLOOD BANK #167	26
JACKSON BLOOD BANK #170	27
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JACOB BLUMBERG MEMORIAL BLOOD BANK, INC., OF THE LAKE COUNTY MEDICAL SOCIETY #251	36
JOHN ELLIOTT BLOOD BANK OF DADE COUNTY, INC. #154	22
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LAS AMERICAS LABORATORY AND BLOOD BANK, INC. #406	52
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LEWISTON-CLARKSTON BLOOD BANK #298	40
MAINE MEDICAL CENTER BLOOD BANK #316	42
MALLINCKRODT CHEMICAL WORKS #77	15
MARIETTA MEMORIAL HOSPITAL #270	38
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MAXWELL BLOOD BANK, THE CHILDREN'S MEMORIAL HOSPITAL #209	32
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MILWAUKEE BLOOD CENTER, INC. #187	29
MINNEAPOLIS WAR MEMORIAL BLOOD BANK #185	29
MOUNT SINAI HOSPITAL MEDICAL CENTER #168	26
MULFORD COLLOID LABORATORIES, DIVISION OF LEMMON PHARMACAL COMPANY #102	17
N. V. ORGANON #378	49
N. V. PHILIPS-DUPHAR #393	50
NATIONAL BLOOD PRODUCTS, INC. #321	43
NATIONAL BLOOD SERVICE, INC. #396	51
NATIONAL BLOOD SERVICE OF PHILADELPHIA, INC. #400	51
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NORTHERN ILLINOIS BLOOD BANK, INC. #249	36
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OCHSNER FOUNDATION HOSPITAL BLOOD BANK #233	34
OESTERREICHISCHE INSTITUT FUER HAEMODERIVATE G.m.b.H. #258	37
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ORGANON INC. #363	47
ORTHO PHARMACEUTICAL CORP. #156	22
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PENINSULA MEMORIAL BLOOD BANK #195	31
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PHOEBE PUTNEY MEMORIAL HOSPITAL BLOOD BANK #387	50
PINEVIEW GENERAL HOSPITAL BLOOD BANK #290	40
PIONEER BLOOD SERVICE, INC. #278	39
PORRO BIOLOGICAL LABORATORIES, INC. #107	17
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ST. BARNABAS HOSPITAL FOR CHRONIC DISEASES #390	50
ST. FRANCIS HOSPITAL BLOOD BANK #260	37
ST. FRANCIS HOSPITAL, INC. #431	55
ST. JOSEPH HOSPITAL, INC. #403	52
ST. LUKE'S MEMORIAL HOSPITAL BLOOD BANK #271	38
ST. VINCENT HOSPITAL BLOOD BANK #317	43
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SCHERING CORPORATION #349	45
SCIENTIFIC BLOOD BANK, INC. #345	45
SCOTT COUNTY MEDICAL SOCIETY BLOOD BANK, INC. #366	48
SHREVEPORT EMERGENCY BLOOD BANK, INC. #237	35
SIBLEY MEMORIAL HOSPITAL #380	49
SONOMA COUNTY COMMUNITY BLOOD BANK #197	31
SOUTH BEND MEDICAL FOUNDATION, INC. #248	36
SOUTHEASTERN GENERAL HOSPITAL, INC. #313	42
SOUTHWEST FLORIDA BLOOD BANK, INC. #228	34
SPECTRA BIOLOGICALS DIVISION, BECTON-DICKINSON & CO. #344	44
SPokane & INLAND EMPIRE BLOOD BANK #203	32
STANFORD UNIVERSITY HOSPITAL BLOOD BANK #402	52
STATE UNIVERSITY HOSPITAL, UPSTATE MEDICAL CENTER #417	54
SUBURBAN HOSPITAL BLOOD BANK #309	42
SWISS SERUM AND VACCINE INSTITUTE BERNE #21	12
TACOMA-PIERCE COUNTY BLOOD BANK #202	32
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TRAVENOL LABORATORIES, INC. #140	20
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TRI-CITIES BLOOD SERVICE, INC. #332	43
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TRI-COUNTIES BLOOD BANK, INC. #198	31
UNITED LABORATORIES, INC. #408	52
UNIVERSITY OF CINCINNATI BLOOD TRANSFUSION SERVICE #235	35
UPJOHN CO. #51	12
VIRGINIA BLOOD BANK, INC. #204	32
W. E. AND LELA I. STEWART BLOOD CENTER, INC. #265	37
WASHINGTON BLOOD LABORATORY #158	23
WASHINGTON HOMOEOPATHIC PHARMACY #392	50
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ALPHABETICAL LIST OF LICENSED FOREIGN ESTABLISHMENTS

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BEECHAM GROUP, LTD. #364	47
BEHRINGWERKE AG. #97	16
CENTRAL LABORATORY OF THE NETHERLANDS RED CROSS, BLOOD TRANSFUSION SERVICE #379	49
CONNAUGHT MEDICAL RESEARCH LABORATORIES, UNIVERSITY OF TORONTO #73	15
EVANS MEDICAL LIMITED #351	46
GLAXO LABORATORIES, LTD. #337	44
INSTITUT MERIEUX #384	49
ISTITUTO SIEROTERAPICO VACCINOGENO TOSCANO SCLAVO #238	35
N. V. ORGANON #378	49
N. V. PHILIPS-DUPHAR #393	50
NYEGAARD & CO. A/S #382	49
OESTERREICHISCHES INSTITUT FUER HAEMODERIVATE G.m.b.H. #258	37
PFIZER, LTD. #338	44
RECHERCHE ET INDUSTRIE THERAPEUTIQUES S.A. #430	55
SWISS SERUM AND VACCINE INSTITUTE BERNE #21	12
WELLCOME FOUNDATION LIMITED, WELLCOME RESEARCH LABORATORIES #129	19
WELLCOME REAGENTS LIMITED #427	55

ESTABLISHMENTS LISTED BY LICENSE NUMBER  
AND PRODUCTS FOR WHICH EACH IS LICENSED

PART II

LIC. NO. ESTABLISHMENT AND PRODUCT

I PARKE, DAVIS & CO., DETROIT, MICH.

*Antitoxins*

B. *oedematiens* Antitoxin  
Perfringens Antitoxin  
Tetanus Antitoxin  
Tetanus and Gas Gangrene Polyvalent Antitoxin

*Bacterial Antigens*

2 Polyvalent bacterial antigens with "No U.S.  
Standard of Potency"

*Bacterial Vaccines*

Pertussis Vaccine  
Pertussis Vaccine Adsorbed  
1 Polyvalent bacterial vaccine with "No U.S.  
Standard of Potency"  
Typhoid and Paratyphoid Vaccine

*Bacterial Vaccines and Antigens Combined*

2 polyvalent bacterial vaccines and bacterial antigens with  
"No U.S. Standard of Potency"

*Blood and Blood Derivatives*

Antihemophilic Factor (Human)  
Fibrinolysin and Desoxyribonuclease Combined (Bovine)  
Fibrinolysin and Desoxyribonuclease Combined (Bovine)  
with Chloramphenicol  
Histamine Azoprotein  
Immune Serum Globulin (Human)  
Measles Immune Globulin (Human)  
Normal Serum Albumin (Human)  
Tetanus Immune Globulin (Human)  
Thrombin

*Diagnostic Substances for Dermal Tests*

Blastomycin  
Diphtheria Toxin for Schick Test  
Histoplasmin  
Tuberculin  
Old  
Purified Protein Derivative

*Diagnostic Substances for Laboratory Tests*

Anti-Human Chorionic Gonadotrophic Serum  
Anti-Influenza Virus Serum for the Hemagglutination  
Inhibition Test  
Influenza Virus Hemagglutinating Antigen

LIC. NO. ESTABLISHMENT AND PRODUCT

1 PARKE, DAVIS & CO. (cont'd)

*Miscellaneous*

Allergenic Extracts  
Oxophenarsine Hydrochloride  
Poison Ivy Extract

*Modified Bacterial Antigens*

1 polyvalent modified bacterial antigen with "No U.S.  
Standard of Potency"

*Multiple Antigen Preparations*

Adenovirus and Influenza Virus Vaccines Combined Aluminum  
Phosphate Adsorbed  
Diphtheria and Tetanus Toxoids  
Diphtheria and Tetanus Toxoids Adsorbed  
Diphtheria and Tetanus Toxoids and Pertussis Vaccine  
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed  
Diphtheria and Tetanus Toxoids and Pertussis and  
Poliomyelitis Vaccines Adsorbed  
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed  
and Poliomyelitis Vaccine  
Staphylococcus Toxoid and Bacterial Antigen made from  
Staphylococcus (Albus and Aureus)

*Toxoids and Toxins for Immunization*

Diphtheria Toxoid  
Diphtheria Toxoid Adsorbed  
Staphylococcus Toxoid  
Tetanus Toxoid  
Tetanus Toxoid Adsorbed

*Viral and Rickettsial Vaccines*

Adenovirus Vaccine  
Influenza Virus Vaccine  
Poliomyelitis Vaccine  
Poliomyelitis Vaccine Adsorbed  
Rabies Vaccine  
Smallpox Vaccine

2 MERCK SHARP & DOHME, DIVISION OF MERCK & CO., INC.,  
WEST POINT, PA.

*Bacterial Antigens*

3 Polyvalent bacterial antigens with  
"No U.S. Standard of Potency"

*Bacterial Vaccines*

Cholera Vaccine  
Typhoid Vaccine

*Blood and Blood Derivatives*

Fibrinogen (Human)  
Fibrinogen with Antihemophilic Factor (Human)  
Fibrinolysin and Desoxyribonuclease Combined (Bovine)  
Fibrinolysin (Human)  
~~~~~ C'-bulin (Human), Pepsin-Modified  
~~ C'-bulin (Human)

~~~~~ man)  
~~~~~ Human Immune Globulin (Human)

LIC.NO. ESTABLISHMENT AND PRODUCT

2 MERCK SHARP & DOHME (cont'd)

*Diagnostic Substances for Dermal Tests*

Brucella Skin Test Antigen  
Tuberculin  
Purified Protein Derivative

*Miscellaneous*

Antivenin (*Lactrodectus mactans*)  
Blood Group Specific Substances A and B  
Poison Ivy Extract

*Multiple Antigen Preparations*

Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed  
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed  
and Poliomyelitis Vaccine  
Measles-Smallpox Vaccine, Live  
Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use)

*Sensitized Bacterial Vaccines*

Three Polyvalent sensitized bacterial vaccines with  
"No U.S. Standard of Potency"

*Toxoids and Toxine for Immunization*

Tetanus Toxoid  
Tetanus Toxoid Adsorbed

*Viral and Rickettsial Vaccines*

Influenza Virus Vaccine  
Measles Virus Vaccine, Live, Attenuated  
Mumps Virus Vaccine, Live  
Poliomyelitis Vaccine  
Rubella Virus Vaccine, Live  
Rubella and Mumps Virus Vaccine, Live  
Smallpox Vaccine  
Typhus Vaccine

3 WYETH LABORATORIES, INC., MARIETTA, PA.

*Antitoxins*

Diphtheria Antitoxin  
Gas Gangrene Polyvalent Antitoxin  
Tetanus Antitoxin  
Tetanus and Gas Gangrene Polyvalent Antitoxin

*Bacterial Vaccines*

Cholera Vaccine  
Pertussis Vaccine  
Typhoid Vaccine

*Blood and Blood Derivatives*

Normal Horse Serum  
Tetanus Immune Globulin (Human)

*Diagnostic Substances for Dermal Tests*

Diphtheria Toxin for Schick Test

*Miscellaneous*

Antivenin (Crotalidae) Polyvalent  
Antivenin (*Micruurus fulvius*)

LIC. NO. ESTABLISHMENT AND PRODUCT

3 WYETH LABORATORIES, INC. (cont'd)

*Multiple Antigen Preparations*

Diphtheria and Tetanus Toxoids Adsorbed  
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed  
Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use)

*Toxoids and Toxins for Immunization*

Diphtheria Toxoid  
Diphtheria Toxoid Adsorbed  
Tetanus Toxoid  
Tetanus Toxoid Adsorbed

*Viral and Rickettsial Vaccines*

Adenovirus Vaccine  
Influenza Virus Vaccine  
Poliovirus Vaccine, Live, Oral, Trivalent  
Poliovirus Vaccine, Live, Oral, Type 1  
Poliovirus Vaccine, Live, Oral, Type 2  
Poliovirus Vaccine, Live, Oral, Type 3  
Smallpox Vaccine

8 CUTTER LABORATORIES, INC., BERKELEY, CALIF.

*Bacterial Vaccines*  
Plague Vaccine

*Blood and Blood Derivatives*

Factor IX Complex (Human)  
Fibrinogen (Human)  
Immune Serum Globulin (Human)  
Mumps Immune Globulin (Human)  
Normal Serum Albumin (Human)  
Pertussis Immune Globulin (Human)  
Plasma Protein Fraction (Human)  
Tetanus Immune Globulin (Human)

*Diagnostic Substances for Dermal Tests*  
Coccioldin

*Miscellaneous*

Poison Ivy Extract  
Poison Oak Extract

*Toxoids and Toxins for Immunization*  
Tetanus Toxoid

*Viral and Rickettsial Vaccines*

Poliomylitis Vaccine  
Smallpox Vaccine

17 LEDERLE LABORATORIES DIVISION, AMERICAN CYANAMID CO.,  
PEARL RIVER, N.Y.

*Antitoxins*

Botulism Antitoxin  
Diphtheria Antitoxin  
Gas Gangrene Polyvalent Antitoxin  
Tetanus Antitoxin  
Tetanus and Gas Gangrene Polyvalent Antitoxin

LIC. NO. ESTABLISHMENT AND PRODUCT

17 LEDERLE LABORATORIES (cont'd)

*Bacterial Vaccines*

Cholera Vaccine  
Pertussis Vaccine  
Typhoid and Paratyphoid Vaccine

*Blood and Blood Derivatives*

Immune Serum Globulin (Human)  
Measles Immune Globulin (Human)  
Normal Serum Albumin (Human)  
Tetanus Immune Globulin (Human)

*Diagnostic Substances for Dermal Tests*

Histoplasmin  
Lymphogranuloma Venereum Antigen  
Tuberculin  
Old

*Diagnostic Substances for Laboratory Tests*

Anti-A Blood Grouping Serum  
Anti-B Blood Grouping Serum  
Anti-A,B Blood Grouping Serum  
Anti-Fy<sup>a</sup> Serum (Anti-Duffy)  
Anti-Human Serum  
Anti-K Serum (Anti-Kell)  
Anti-M Serum  
Anti-N Serum  
Anti-Rh Typing Serums:  
Anti-Rh<sub>O</sub> (Anti-D)  
Anti-Rh<sub>O'</sub> (Anti-CD)  
Anti-Rh<sub>O</sub>rh'rh" (Anti-CDE)  
Anti-rh' (Anti-C)  
Anti-rh<sup>w</sup> (Anti-CW)  
Anti-rh" (Anti-E)  
Anti-hr' (Anti-c)  
Anti-hr" (Anti-e)  
Anti-s Serum

*Miscellaneous*

Allergenic Extracts  
Streptokinase-Streptodornase  
Trichinella Extract

*Multiple Antigen Preparations*

Diphtheria and Tetanus Toxoids Adsorbed  
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed  
Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use)

*Therapeutic Immune Serums*

Antirabies Serum

*Toxoids and Toxins for Immunization*

Staphylococcus Toxoid  
Tetanus Toxoid  
Tetanus Toxoid Adsorbed

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17 LEDERLE LABORATORIES (cont'd)

*Viral and Rickettsial Vaccines*

Influenza Virus Vaccine  
Measles Virus Vaccine, Live, Attenuated  
Mumps Vaccine  
Poliovirus Vaccine, Live, Oral, Trivalent  
Poliovirus Vaccine, Live, Oral, Type 1  
Poliovirus Vaccine, Live, Oral, Type 2  
Poliovirus Vaccine, Live, Oral, Type 3  
Rabies Vaccine  
Rocky Mountain Spotted Fever Vaccine  
Smallpox Vaccine  
Typhus Vaccine

21 SWISS SERUM AND VACCINE INSTITUTE BERNE, BERNE, SWITZERLAND

*Antitoxins*

Tetanus Antitoxin

*Toxoids and Toxins for Immunization*

Tetanus Toxoid Adsorbed

43 ABBOTT LABORATORIES, NORTH CHICAGO, ILL. with location at:  
Chicago, Ill.

*Blood and Blood Derivatives*

Aggregated Radio-Iodinated (1131) Albumin (Human)  
Radio-Iodinated (1125) Serum Albumin (Human)  
Radio-Iodinated (1131) Serum Albumin (Human)

*Diagnostic Substances for Laboratory Tests*

Anti-A Blood Grouping Serum  
Anti-B Blood Grouping Serum  
Anti-A,B Blood Grouping Serum  
Anti-Fya Serum (Anti-Duffy)  
Anti-Human Serum  
Anti-M Serum  
Anti-Rh Typing Serums:  
    Anti-Rho (Anti-D)  
    Anti-Rho' (Anti-CD)  
    Anti-Rho" (Anti-DE)  
    Anti-Rh<sup>r</sup>rh'rh" (Anti-CDE)  
    Anti-rh' (Anti-C)  
    Anti-rh" (Anti-E)  
    Anti-hr' (Anti-c)  
    Anti-hr" (Anti-e)  
Reagent Red Blood Cells (Human)

51 THE UPJOHN CO., KALAMAZOO, MICH.

*Blood and Blood Derivatives*

Thrombin

LIC. NO.                   ESTABLISHMENT AND PRODUCT

52 E. R. SQUIBB & SONS, INC., NEW BRUNSWICK, N.J.

*Blood and Blood Derivatives*

Aggregated Radio-Iodinated (I131) Albumin (Human)  
Antihemophilic Factor (Human)  
Fibrinogen (Human)  
Immune Serum Globulin (Human)  
Normal Serum Albumin (Human)  
Radio Chromated (Cr51) Serum Albumin (Human)  
Radio-Iodinated (I125) Serum Albumin (Human)  
Radio-Iodinated (I131) Serum Albumin (Human)  
Tetanus Immune Globulin (Human)

*Diagnostic Substances for Dermal Tests*

Lymphogranuloma Venereum Antigen

*Multiple Antigen Preparations*

Staphylococcus Toxoid and Bacterial Antigen made from  
Staphylococcus (Albus and Aureus)

56 ELI LILLY & CO., INDIANAPOLIS, IND.

*Antitoxins*

Diphtheria Antitoxin  
Perfringens Antitoxin  
Tetanus Antitoxin  
Tetanus and Gas Gangrene Polyvalent Antitoxin  
*V. septique* Antitoxin

*Bacterial Antigens*

7 Polyvalent bacterial antigens with "No U.S.  
Standard of Potency"

*Bacterial Vaccines*

Cholera Vaccine  
Pertussis Vaccine  
6 Polyvalent bacterial vaccines with "No U.S.  
Standard of Potency"  
Typhoid Vaccine  
Typhoid and Paratyphoid Vaccine

*Blood and Blood Derivatives*

Measles Immune Globulin (Human)

*Diagnostic Substances for Dermal Tests*

Diphtheria Toxin for Schick Test  
Mumps Skin Test Antigen  
Schick Test Control  
Tuberculin  
Old

*Miscellaneous*

Allergenic Extracts

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56 ELI LILLY & CO. (cont'd)

*Multiple Antigen Preparations*

Diphtheria and Tetanus Toxoids  
Diphtheria and Tetanus Toxoids Adsorbed  
Diphtheria and Tetanus Toxoids and Pertussis Vaccine  
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed  
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed  
and Poliomyelitis Vaccine  
Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use)

*Toxoids and Toxins for Immunization*

Tetanus Toxoid

*Viral and Rickettsial Vaccines*

Influenza Virus Vaccine  
Measles Virus Vaccine, Inactivated  
Measles Virus Vaccine, Live, Attenuated  
Mumps Vaccine  
Poliomyelitis Vaccine  
Rabies Vaccine  
Smallpox Vaccine  
Typhus Vaccine

64 MASSACHUSETTS PUBLIC HEALTH BIOLOGIC LABORATORIES, BOSTON, MASS.

*Antitoxins*

Diphtheria Antitoxin  
Tetanus Antitoxin

*Bacterial Vaccines*

Typhoid Vaccine  
Typhoid and Paratyphoid Vaccine

*Blood and Blood Derivatives*

Immune Serum Globulin (Human)  
Normal Serum Albumin (Human)  
Tetanus Immune Globulin (Human)

*Diagnostic Substances for Dermal Tests*

Diphtheria Toxin for Schick Test  
Schick Test Control  
Tuberculin  
Old

*Multiple Antigen Preparations*

Diphtheria and Tetanus Toxoids Adsorbed  
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed  
Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use)

*Toxoids and Toxins for Immunization*

Diphtheria Toxoid  
Tetanus Toxoid  
Tetanus Toxoid Adsorbed

*Viral and Rickettsial Vaccines*

Smallpox Vaccine

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73 CONNAUGHT MEDICAL RESEARCH LABORATORIES, UNIVERSITY OF TORONTO,  
WILLODDALE, ONTARIO, CANADA

*Antitoxins*

Botulism Antitoxin  
Diphtheria Antitoxin  
Staphylococcus Antitoxin  
Tetanus Antitoxin

*Bacterial Vaccines*

BCG Vaccine

*Blood and Blood Derivatives*

Normal Serum Albumin (Human)

*Diagnostic Substances for Dermal Tests*

Tuberculin  
Purified Protein Derivative

*Toxoids and Toxins for Immunization*

Diphtheria Toxoid  
Staphylococcus Toxoid  
Tetanus Toxoid

*Viral and Rickettsial Vaccines*

Poliomyelitis Vaccine  
Smallpox Vaccine

77 MALLINCKRODT CHEMICAL WORKS, MARYLAND HEIGHTS, MO.

*Blood and Blood Derivatives*

Aggregated Radio-Iodinated (1131) Albumin (Human)  
Radio-Iodinated (1125) Serum Albumin (Human)  
Radio-Iodinated (1131) Serum Albumin (Human)

84 TERRELL'S LABORATORIES, FORT WORTH, TEX.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

*Miscellaneous*

Allergenic Extracts

91 HOLLISTER-STIER LABORATORIES, SPOKANE, WASH. with locations at:

Downers Grove, Ill.       Yeadon, Pa.  
Los Angeles, Calif.       Atlanta, Ga.  
Dallas, Tex.

*Bacterial Vaccines*

2 Polyvalent bacterial vaccines with "No U.S.  
Standard of Potency"

*Miscellaneous*

Allergenic Extracts  
Poison Ivy Extract  
Poison Ivy-Poison Oak Extracts Combined  
Poison Oak Extract

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97 BEHRINGWERKE AG., MARBURG-LAHN, GERMANY

*Miscellaneous*

Streptokinase-Streptodornase

*Toxoids and Toxins for Immunization*

Diphtheria Toxoid Adsorbed  
Tetanus Toxoid Adsorbed

99 BUREAU OF LABORATORIES, MICHIGAN DEPARTMENT OF PUBLIC HEALTH,  
LANSING, MICH.

*Antitoxins*

Diphtheria Antitoxin  
Tetanus Antitoxin

*Bacterial Vaccines*

Anthrax Vaccine Adsorbed  
Pertussis Vaccine  
Pertussis Vaccine Adsorbed  
Typhoid Vaccine  
Typhoid and Paratyphoid Vaccine

*Blood and Blood Derivatives*

Antihemophilic Globulin (Human)  
Fibrinogen (Human)  
Immune Serum Globulin (Human)  
Normal Horse Serum  
Normal Rabbit Serum  
Normal Serum Albumin (Human)  
Tetanus Immune Globulin (Human)  
Whole Blood (Human)  
ACD

*Diagnostic Substances for Dermal Tests*

Diphtheria Toxin for Schick Test  
Histoplasmin  
Schick Test Control  
Tuberculin  
Old

*Diagnostic Substances for Laboratory Tests*

Pneumococcus Typing Serum

*Multiple Antigen Preparations*

Diphtheria and Tetanus Toxoids Adsorbed  
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed

*Therapeutic Immune Serums*

Anti-Hemophilus influenzae Type b Serum

*Toxoids and Toxins for Immunization*

Diphtheria Toxoid Adsorbed  
Tetanus Toxoid Adsorbed

*and Rickettsial Vaccines*

Rabies Vaccine  
Smallpox Vaccine

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101 THE NATIONAL DRUG CO., DIVISION OF RICHARDSON-MERRELL, INC.,  
PHILADELPHIA, PA. with location at: Swiftwater, Pa.

*Antitoxins*

Diphtheria Antitoxin  
Gas Gangrene Polyvalent Antitoxin  
Tetanus Antitoxin  
Tetanus and Gas Gangrene Polyvalent Antitoxin

*Bacterial Vaccines*

Cholera Vaccine  
Pertussis Vaccine  
2 Polyvalent bacterial vaccines with "No U.S.  
Standard of Potency"  
Typhoid Vaccine  
Typhoid and Paratyphoid Vaccine

*Multiple Antigen Preparations*

Diphtheria and Tetanus Toxoids and Pertussis Vaccine  
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed  
Staphylococcus Toxoid and Bacterial Vaccine made from  
Staphylococcus (Aureus)  
Staphylococcus Toxoid-Streptococcus Toxin-Bacterial Vaccine  
made from Staphylococcus (Aureus), Streptococcus  
(Hemolyticus), Pneumococcus and Hemophilus Influenzae  
Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use)

*Toxoids and Toxins for Immunisation*

Diphtheria Toxoid  
Staphylococcus Toxoid  
Streptococcus Erythrogenic Toxin  
Tetanus Toxoid  
Tetanus Toxoid Adsorbed

*Viral and Rickettsial Vaccines*

Influenza Virus Vaccine  
Rabies Vaccine  
Smallpox Vaccine  
Yellow Fever Vaccine

102 MULFORD COLLOID LABORATORIES DIVISION OF LEMMON PHARMACEUTICAL CO.,  
SELLERSVILLE, PA.

*Miscellaneous*

Poison Ivy Extract

103 ALLERGY LABORATORIES, INC., OKLAHOMA CITY, OKLA.

*Miscellaneous*

Allergenic Extracts

107 PORRO BIOLOGICAL LABORATORIES, INC., TACOMA, WASH.

*Miscellaneous*

Allergenic Extracts

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110 THE DOW CHEMICAL CO., ZIONSVILLE, IND.

*Bacterial Vaccines*

Pertussis Vaccine  
Typhoid Vaccine  
Typhoid and Paratyphoid Vaccine

*Blood and Blood Derivatives*

Immune Serum Globulin (Human)  
Normal Serum Albumin (Human)  
Tetanus Immune Globulin (Human)

*Multiple Antigen Preparations*

Diphtheria and Tetanus Toxoids Adsorbed  
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed  
Diphtheria Toxoid and Pertussis Vaccine Adsorbed

*Toxoids and Toxins for Immunization*

Diphtheria Toxoid  
Staphylococcus Toxoid  
Tetanus Toxoid  
Tetanus Toxoid Adsorbed

*Viral and Rickettsial Vaccines*

Influenza Virus Vaccine  
Measles Virus Vaccine, Live, Attenuated  
Poliomyelitis Vaccine

113 MICHAEL REESE RESEARCH FOUNDATION, CHICAGO, ILL.

*Blood and Blood Derivatives*

Antihemophilic Plasma (Human)  
Normal Human Plasma  
Normal Human Serum  
Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD  
CPD  
Heparin

119 BARRY LABORATORIES, INC., POMPANO BEACH, FLA.

*Miscellaneous*

Allergenic Extracts  
Poison Ivy Extract  
Poison Ivy-Oak-Sumac Extracts Combined  
Poison Sumac Extract

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121 TEXAS STATE DEPARTMENT OF HEALTH, AUSTIN, TEX.

*Bacterial Vaccines*

Pertussis Vaccine  
Typhoid Vaccine

*Diagnostic Substances for Dermal Tests*

Diphtheria Toxin for Schick Test  
Schick Test Control  
Tuberculin  
Old

*Multiple Antigen Preparations*

Diphtheria and Tetanus Toxoids Adsorbed  
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed  
Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use)

*Toxoids and Toxins for Immunization*

Diphtheria Toxoid  
Diphtheria Toxoid Adsorbed  
Tetanus Toxoid  
Tetanus Toxoid Adsorbed

*Viral and Rickettsial Vaccines*

Rabies Vaccine

125 HYNSON, WESTCOTT & DUNNING, BALTIMORE, MD.

*Miscellaneous*

Cobra Venom Solution  
Cobra Venom with Stilicic and Formic Acids

129 WELLCOME FOUNDATION, LTD., WELLCOME RESEARCH LABORATORIES,  
BECKENHAM, KENT, ENGLAND

*Antitoxins*

Gas Gangrene Polyclonal Antitoxin  
Tetanus Antitoxin

136 HOFFMANN-LA ROCHE, NUTLEY, N.J.

*Diagnostic Substances for Laboratory Tests*

Anti-Human Chorionic Gonadotropin Serum

139 THE PHILADELPHIA BLOOD CENTER, PHILADELPHIA, PA.

*Blood and Blood Derivatives*

Poliomyelitis Immune Globulin (Human)  
Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD

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139 THE PHILADELPHIA BLOOD CENTER (cont'd)

*Diagnostic Substances for Laboratory Tests*

Absorbed Anti-A Serum  
Anti-A Blood Grouping Serum  
Anti-B Blood Grouping Serum  
Anti-A,B Blood Grouping Serum  
Anti-Human Serum  
Anti-K Serum (Anti-Kell)  
Anti-M Serum  
Anti-N Serum  
Anti-Rh Typing Serums:  
    Anti-Rh<sub>O</sub> (Anti-D)  
    Anti-Rh<sub>O'</sub> (Anti-CD)  
    Anti-Rh<sub>O''</sub> (Anti-DE)  
    Anti-Rh<sub>O</sub>rh'rh'' (Anti-CDE)  
    Anti-rh' (Anti-C)  
    Anti-rh'' (Anti-E)  
    Anti-hr' (Anti-c)  
    Anti-hr'' (Anti-e)  
Reagent Red Blood Cells (Human)

140 TRAVENOL LABORATORIES, COSTA MESA, CALIF. with locations at:  
Los Angeles, Calif. Morton Grove, Ill. Cleveland, Miss.

*Bacterial Antigens*

Pseudomonas Polysaccharide

*Blood and Blood Derivatives*

Antihemophilic Factor (Human)  
Antihemophilic Plasma (Human)  
Factor IX Complex (Human)  
Fibrinogen (Human)  
Immune Serum Globulin (Human)  
Measles Immune Globulin (Human)  
Mumps Immune Globulin (Human)  
Normal Serum Albumin (Human)  
Pertussis Immune Globulin (Human)  
Plasma Protein Fraction (Human)  
Red Blood Cells (Human)  
Tetanus Immune Globulin (Human)  
Vaccinia Immune Globulin (Human)  
Whole Blood (Human)  
ACD  
CPD

*Diagnostic Substances for Laboratory Tests*

Absorbed Anti-A Serum  
Anti-A Blood Grouping Serum  
Anti-B Blood Grouping Serum  
Anti-A,B Blood Grouping Serum  
Anti-Fya Serum (Anti-Duffy)  
Anti-Human Chorionic Gonadotrophic Serum  
Anti-Human Serum  
Anti-I Serum  
Anti-K Serum (Anti-Kell)  
Anti-Lewis Serum (Anti-Lewis)

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140 TRAVENOL LABORATORIES (cont'd)

*Diagnostic Substances for Laboratory Tests*

Anti-Rh Typing Serums:

Anti-Rho (Anti-D)  
Anti-Rho' (Anti-CD)  
Anti-Rho" (Anti-DE)  
Anti-Rhorh'rh" (Anti-CDE)  
Anti-rh' (Anti-C)  
Anti-rh" (Anti-E)  
Anti-hr' (Anti-c)  
Anti-hr" (Anti-e)  
Anti-rhW (Anti-CW)

Anti-S Serum

Anti-s Serum

*Haemophilus influenzae* Typing Serum

Reagent Red Blood Cells (Human)

147 ENDO LABORATORIES, INC., GARDEN CITY, N.Y.

*Miscellaneous*

Allergenic Extracts

149 ARMOUR PHARMACEUTICAL CO., CHICAGO, ILL. with locations at:  
Chicago, Ill. Kankakee, Ill.

*Blood and Blood Derivatives*

Immune Serum Globulin (Human)  
Normal Serum Albumin (Human)  
Plasma Protein Fraction (Human)  
Tetanus Immune Globulin (Human)

*Diagnostic Substances for Laboratory Tests*

Anti-A Blood Grouping Serum  
Anti-B Blood Grouping Serum  
Anti-A,B Blood Grouping Serum  
Anti-Human Serum  
Anti-K Serum (Anti-Kell)  
Anti-Le<sup>a</sup> Serum (Anti-Lewis)  
Anti-M Serum  
Anti-N Serum  
Anti-Rh Typing Serums:  
Anti-Rho (Anti-D)  
Anti-Rho' (Anti-CD)  
Anti-Rho" (Anti-DE)  
Anti-Rhorh'rh" (Anti-CDE)  
Anti-rh' (Anti-C)  
Anti-rh" (Anti-E)  
Anti-hr' (Anti-c)  
Anti-hr" (Anti-e)  
Anti-U Serum (Anti-Ss)  
Reagent Red Blood Cells (Human)

*Miscellaneous*

Blood Group Specific Substance A  
Blood Group Specific Substance B  
Blood Group Specific Substances A and B

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152 GOTHAM PHARMACEUTICAL CO., INC. BROOKLYN, N.Y.

*Miscellaneous*  
Allergenic Extracts

154 JOHN ELLIOTT BLOOD BANK OF DADE COUNTY, INC., MIAMI, FLA.

*Blood and Blood Derivatives*  
Whole Blood (Human)  
ACD

155 WIENER SERUM LABORATORY, BROOKLYN, N.Y.

*Diagnostic Substances for Laboratory Tests*

Absorbed Anti-A Serum  
Anti-A Blood Grouping Serum  
Anti-B Blood Grouping Serum  
Anti-Fya Serum (Anti-Duffy)  
Anti-Human Serum  
Anti-K Serum (Anti-Kell)  
Anti-k Serum (Anti-Cellano)  
Anti-M Serum  
Anti-N Serum  
Anti-Rh Typing Serums:  
    Anti-Rho (Anti-D)  
    Anti-Rho' (Anti-CD)  
    Anti-Rho" (Anti-DE)  
    Anti-rh' (Anti-C)  
    Anti-rh" (Anti-E)  
    Anti-hr' (Anti-c)  
    Anti-hr" (Anti-e)  
Anti-rhw and Anti-K Serum (Anti-(Cw+Kell))

156 ORTHO PHARMACEUTICAL CORP., RARITAN, N.J.

*Blood and Blood Derivatives*

Fibrinogen (Human)  
Fibrinolysin (Human)  
Immune Serum Globulin (Human)  
Normal Serum Albumin (Human)  
Profibrinolysin (Human)  
Rho (D) Immune Globulin (Human)  
Thrombin

*Diagnostic Substances for Laboratory Tests*

Absorbed Anti-A Serum  
Anti-A Blood Grouping Serum  
Anti-B Blood Grouping Serum  
Anti-A,B Blood Grouping Serum  
Anti-Fya Serum (Anti-Duffy)  
Anti-Human Chorionic Gonadotrophic Serum  
Anti-Human Serum  
Anti-K Serum (Anti-Kell)  
Anti-k Serum (Anti-Cellano)  
Anti-M Serum  
Anti-N Serum  
Anti-P Serum

LIC. NO.                  ESTABLISHMENT AND PRODUCT

156 ORTHO PHARMACEUTICAL CORP. (cont'd)

*Diagnostic Substances for Laboratory Tests*

Anti-Rh Typing Serums:

Anti-Rho<sub>o</sub> (Anti-D)  
Anti-Rho' (Anti-CD)  
Anti-Rho" (Anti-DE)  
Anti-Rhorh' rh" (Anti-CDE)  
Anti-rh' (Anti-C)  
Anti-rh" (Anti-E)  
Anti-hr' (Anti-c)  
Anti-hr" (Anti-e)  
Anti-rhw (Anti-CW)

Anti-S Serum

Anti-s Serum

Reagent Red Blood Cells (Human)

157 BEHRING DIAGNOSTICS, INC., WOODBURY, N.Y.

*Diagnostic Substances for Laboratory Tests*

Absorbed Anti-A Serum

Anti-A Blood Grouping Serum

Anti-B Blood Grouping Serum

Anti-A,B Blood Grouping Serum

Anti-Fya Serum (Anti-Duffy)

Anti-Human Serum

Anti-K Serum (Anti-Kell)

Anti-k Serum (Anti-Cellano)

Anti-M Serum

Anti-N Serum

Anti-P Serum

Anti-Rh Typing Serums:

Anti-Rho<sub>o</sub> (Anti-D)  
Anti-Rho' (Anti-CD)  
Anti-Rho" (Anti-DE)  
Anti-Rhorh' rh" (Anti-CDE)  
Anti-rh' (Anti-C)  
Anti-rh" (Anti-E)  
Anti-hr' (Anti-c)  
Anti-hr" (Anti-e)  
Anti-rhw (Anti-CW)

Anti-S Serum

Anti-s Serum

Reagent Red Blood Cells (Human)

158 WASHINGTON BLOOD LABORATORY, WASHINGTON, D.C.

*Diagnostic Substances for Laboratory Tests*

Absorbed Anti-A Serum

Anti-A Blood Grouping Serum

Anti-B Blood Grouping Serum

Anti-A,B Blood Grouping Serum

Anti-Human Serum

Anti-Rh Typing Serums:

Anti-Rho<sub>o</sub> (Anti-D)  
Anti-Rho' (Anti-CD)  
Anti-Rho" (Anti-DE)  
Anti-Rhorh' rh" (Anti-CDE)  
Anti-rh' (Anti-C)  
Anti-rh" (Anti-E)  
Anti-hr' (Anti-c)

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159 BLOOD GROUPING LABORATORY OF BOSTON, INC., BOSTON, MASS.

## *Diagnostic Substances for Laboratory Tests*

Absorbed Anti-A Serum  
Anti-A Blood Grouping Serum  
Anti-B Blood Grouping Serum  
Anti-Fya Serum (Anti-Duffy)  
Anti-Gr(V<sub>w</sub>) Serum  
Anti-Human Serum  
Anti-Jka Serum (Anti-Kidd)  
Anti-K Serum (Anti-Kell)  
Anti-Kpa Serum (Anti-Penney)  
Anti-Kpb and Anti-K Serum (Anti-Rautenberg and Anti-Kell)  
Anti-Lea Serum (Anti-Lewis)  
Anti-Leb Serum  
Anti-M Serum  
Anti-Mg Serum  
Anti-P Serum  
Anti-Rh Typing Serums:  
Anti-Rh<sub>O</sub> (Anti-D)  
Anti-Rh<sub>O'</sub> (Anti-CD)  
Anti-rh<sup>+</sup> (Anti-C)  
Anti-rh<sup>"</sup> (Anti-E)  
Anti-hrt (Anti-c)  
Anti-hr<sup>"</sup> (Anti-e)  
Anti-rh<sup>W</sup> (Anti-C<sup>W</sup>)  
Anti-Rho + rho (Anti-D + Du)  
Anti-S Serum  
Anti-s Serum  
Anti-Wra Serum (Anti-Wright)

164 PFIZER INC., NEW YORK, N.Y. with locations at:  
New York, N.Y. Philadelphia, Pa.

## *Blood and Blood Derivatives*

Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD  
Heparin

## *Diagnostic Substances for Laboratory Tests*

Absorbed Anti-A Serum  
Anti-A Blood Grouping Serum  
Anti-B Blood Grouping Serum  
Anti-A,B Blood Grouping Serum  
Anti-Dia Serum (Anti-Diego)  
Anti-Fya Serum (Anti-Duffy)  
Anti-Fyb Serum  
Anti-Human Serum  
Anti-Jka Serum (Anti-Kidd)  
Anti-Jkb Serum  
Anti-K Serum (Anti-Kell)  
Anti-Kpa Serum (Anti-Penney)  
Anti-Kpb Serum (Anti-Rautenberg)  
Anti-k Serum (Anti-Cellano)  
Anti-Lea Serum (Anti-Lewis)  
Anti-Lua Serum (Anti-Lutheran)

LIC.NO. ESTABLISHMENT AND PRODUCT

164 PFIZER INC. (cont'd)

*Diagnostic Substances for Laboratory Tests (cont'd)*

Anti-M Serum  
Anti-N Serum  
Anti-P Serum  
Anti-Rh Typing Serums:  
    Anti-Rho (Anti-D)  
    Anti-Rho' (Anti-CD)  
    Anti-Rho" (Anti-DE)  
    Anti-Rh<sub>o</sub>rh'rh" (Anti-CDE)  
    Anti-rh' (Anti-C)  
    Anti-rh" (Anti-E)  
    Anti-hr' (Anti-c)  
    Anti-hr" (Anti-e)  
    Anti-hrv (Anti-V)  
    Anti-rhw (Anti-Cw)  
Anti-S Serum  
Anti-s Serum  
Anti-U Serum (Anti-Ss)  
Reagent Red Blood Cells (Human)

*Miscellaneous*

Blood Group Specific Substance A  
Blood Group Specific Substance B

165 BLOOD BANK FOUNDATION, NASHVILLE, TENN.

*Blood and Blood Derivatives*  
Antihemophilic Plasma (Human)  
Normal Human Plasma  
Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD  
Heparin

*Diagnostic Substances for Laboratory Tests*

Absorbed Anti-A Serum  
Anti-A Blood Grouping Serum  
Anti-B Blood Grouping Serum  
Anti-A,B Blood Grouping Serum  
Anti-Human Serum  
Anti-K Serum (Anti-Kell)  
Anti-Rh Typing Serums:  
    Anti-Rho (Anti-D)  
    Anti-Rho' (Anti-CD)  
    Anti-Rho" (Anti-DE)  
    Anti-Rh<sub>o</sub>rh'rh" (Anti-CDE)  
    Anti-rh' (Anti-C)  
    Anti-rh" (Anti-E)  
    Anti-hr' (Anti-c)  
    Anti-hr" (Anti-e)

LIC. NO.                   ESTABLISHMENT AND PRODUCT

166 BELLE BONFILS MEMORIAL BLOOD BANK, DENVER, COLO.

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD  
Heparin

*Diagnostic Substances for Laboratory Tests*

Anti-A Blood Grouping Serum  
Anti-B Blood Grouping Serum  
Anti-Fy<sup>a</sup> Serum (Anti-Duffy)  
Anti-K Serum (Anti-Kell)  
Anti-Rh Typing Serums:  
    Anti-Rh<sub>O</sub> (Anti-D)  
    Anti-Rh<sup>t</sup> (Anti-CD)  
    Anti-rh<sup>H</sup> (Anti-E)  
    Anti-hr<sup>t</sup> (Anti-c)  
    Anti-hr<sup>H</sup> (Anti-e)

167 J.K. AND SUSIE L. WADLEY RESEARCH INSTITUTE AND BLOOD BANK,  
DALLAS, TEX.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

168 MOUNT SINAI HOSPITAL MEDICAL CENTER, CHICAGO, ILL.

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Whole Blood (Human)  
ACD

*Diagnostic Substances for Laboratory Tests*

Anti-A Blood Grouping Serum  
Anti-B Blood Grouping Serum  
Anti-Human Serum  
Anti-M Serum  
Anti-N Serum  
Anti-Rh Typing Serums:  
    Anti-Rh<sub>O</sub> (Anti-D)  
Reagent Red Blood Cells (Human)

169 CHICAGO BLOOD DONOR SERVICE, INC., CHICAGO, ILL.

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD  
Heparin

LIC. NO.                   ESTABLISHMENT AND PRODUCT

170 JACKSON BLOOD BANK, JACKSON, TENN.

*Blood and Blood Derivatives*

Whole Blood (Human)

ACD

171 COURTLAND LABORATORIES, LOS ANGELES, CALIF.

*Blood and Blood Derivatives*

Antihemophilic Factor (Human)

Antihemophilic Plasma (Human)

Immune Serum Globulin (Human)

Normal Human Plasma

Normal Serum Albumin (Human)

Plasma Protein Fraction (Human)

Poliomyelitis Immune Globulin (Human)

Red Blood Cells (Human)

Tetanus Immune Globulin (Human)

Whole Blood (Human)

ACD

173 INTERSTATE BLOOD BANK, INC., MEMPHIS, TENN. with location at:  
Philadelphia, Pa.

*Blood and Blood Derivatives*

Single Donor Plasma (Human)

Whole Blood (Human)

ACD

Heparin

175 INTER-COUNTY BLOOD BANKS, INC., ROCKVILLE CENTRE, N.Y.

*Blood and Blood Derivatives*

Red Blood Cells (Human)

Whole Blood (Human)

ACD

178 CALIFORNIA TRANSFUSION SERVICE, LOS ANGELES, CALIF.

*Blood and Blood Derivatives*

Whole Blood (Human)

ACD

179 DADE DIVISION OF AMERICAN HOSPITAL SUPPLY CORPORATION,  
MIAMI, FLA.

*Diagnostic Substances for Laboratory Tests*

Absorbed Anti-A Serum

Anti-A Blood Grouping Serum

Anti-B Blood Grouping Serum

Anti-A,B Blood Grouping Serum

Anti-Dia Serum (Anti-Diego)

Anti-Fya Serum (Anti-Duffy)

Anti-Fyb Serum

Anti-Human Serum

LIC. NO. ESTABLISHMENT AND PRODUCT

179 DADE DIVISION OF AMERICAN HOSPITAL SUPPLY CORPORATION (cont'd)

*Diagnostic Substances for Laboratory Tests*

Anti-Jka Serum (Anti-Kidd)  
Anti-k Serum (Anti-Cellano)  
Anti-K Serum (Anti-Kell)  
Anti-Kpa Serum (Anti-Penney)  
Anti-Lea Serum (Anti-Lewis)  
Anti-Leb Serum  
Anti-M Serum  
Anti-M9 Serum  
Anti-N Serum  
Anti-P Serum  
Anti-Rh Typing Serums:  
    Anti-Rh<sub>O</sub> (Anti-D)  
    Anti-Rh<sub>O'</sub> (Anti-CD)  
    Anti-Rh<sub>O''</sub> (Anti-DE)  
    Anti-Rh<sub>O</sub>rh'rh'' (Anti-CDE)  
    Anti-rh' (Anti-C)  
    Anti-rh'' (Anti-E)  
    Anti-hrt (Anti-c)  
    Anti-hr<sup>t</sup> (Anti-e)  
    Anti-rh<sup>w</sup> (Anti-C<sup>w</sup>)  
Anti-S Serum  
Anti-s Serum  
Anti-Xga Serum  
Reagent Red Blood Cells (Human)

*Miscellaneous*

Reagent Blood Group Specific Substances A and B

181 JACKSONVILLE BLOOD BANK, INC., JACKSONVILLE, FLA.

*Blood and Blood Derivatives*  
Red Blood Cells (Human)  
Whole Blood (Human)  
ACD

*Diagnostic Substances for Laboratory Tests*

Anti-A Blood Grouping Serum  
Anti-B Blood Grouping Serum  
Anti-Human Serum  
Anti-Rh Typing Serums:  
    Anti-Rh<sub>O</sub> (Anti-D)

182 IRWIN MEMORIAL BLOOD BANK OF THE SAN FRANCISCO MEDICAL SOCIETY,  
SAN FRANCISCO, CALIF.

*Blood and Blood Derivatives*  
Normal Human Plasma  
Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD  
Heparin

LIC.NO. ESTABLISHMENT AND PRODUCT

183 BLOOD SERVICES, SCOTTSDALE, ARIZ. with locations at:  
Albuquerque, N.M. Little Rock, Ark.  
Billings, Mont. Lubbock, Tex.  
Butte, Mont. Meridian, Miss.  
Cheyenne, Wyo. Mesa, Ariz.  
El Paso, Tex. Minot, N.D.  
Fargo, N.D. New Orleans, La.  
Fort Smith, Ark. Phoenix, Ariz.  
Harrington, Tex. Rapid City, S.D.  
Houston, Tex. Reno, Nev.  
Lafayette, La. San Antonio, Tex.  
Las Vegas, Nev. Texarkana, Tex.

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD

185 MINNEAPOLIS WAR MEMORIAL BLOOD BANK, MINNEAPOLIS, MINN.

*Blood and Blood Derivatives*

Normal Human Plasma  
Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD  
Heparin

*Diagnostic Substances for Laboratory Tests*

Anti-A Blood Grouping Serum  
Anti-B Blood Grouping Serum  
Anti-Rh Typing Serums:  
Anti-Rho (Anti-D)  
Anti-Rho' (Anti-CD)  
Anti-rh' (Anti-C)  
Anti-rh" (Anti-E)  
Anti-hr' (Anti-c)

187 MILWAUKEE BLOOD CENTER, INC., MILWAUKEE, WIS.

*Blood and Blood Derivatives*

Normal Human Plasma  
Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD  
CPD

*Diagnostic Substances for Laboratory Tests*

Anti-A Blood Grouping Serum  
Anti-B Blood Grouping Serum  
Anti-Human Serum  
Anti-Rh Typing Serums:  
Anti-Rho (Anti-D)  
Anti-Rho' (Anti-CD)  
Anti-Rh<sub>o</sub>rh'rh" (Anti-CDE)

LIC. NO. ESTABLISHMENT AND PRODUCT

188 RESEARCH FOUNDATION AND UNIVERSITY OF ILLINOIS, CHICAGO, ILL.

*Bacterial Vaccines*  
BCG Vaccine

190 THE AMERICAN NATIONAL RED CROSS, WASHINGTON, D.C.

with locations at:

|                     |                      |
|---------------------|----------------------|
| Albany, N.Y.        | Muskegon, Mich.      |
| Asheville, N.C.     | Nashville, Tenn.     |
| Atlanta, Ga.        | New Brighton, Pa.    |
| Baltimore, Md.      | New York, N.Y.       |
| Birmingham, Ala.    | Norfolk, Va.         |
| Boise, Idaho        | Omaha, Nebr.         |
| Boston, Mass.       | Peoria, Ill.         |
| Buffalo, N.Y.       | Philadelphia, Pa.    |
| Burlington, Vt.     | Portland, Oreg.      |
| Charleston, S.C.    | Rio Piedras, P.R.    |
| Charlotte, N.C.     | Roanoke, Va.         |
| Chicago, Ill.       | Rochester, N.Y.      |
| Cleveland, Ohio     | Salt Lake City, Utah |
| Columbia, S.C.      | San Jose, Calif.     |
| Columbus, Ohio      | Savannah, Ga.        |
| Daytona Beach, Fla. | Springfield, Mo.     |
| Detroit, Mich.      | St. Louis, Mo.       |
| Flint, Mich.        | St. Paul, Minn.      |
| Fort Wayne, Ind.    | Syracuse, N.Y.       |
| Galesburg, Ill.     | Toledo, Ohio         |
| Great Falls, Mont.  | Tulsa, Okla.         |
| Hartford, Conn.     | Tucson, Ariz.        |
| Huntington, W.Va.   | Waco, Tex.           |
| Johnstown, Pa.      | Washington, D.C.     |
| Lansing, Mich.      | Waterloo, Iowa       |
| Little Rock, Ark.   | Wichita Falls, Tex.  |
| Los Angeles, Calif. | Wichita, Kans.       |
| Louisville, Ky.     | Wilkes-Barre, Pa.    |
| Madison, Wis.       | Yakima, Wash.        |
| Mobile, Ala.        |                      |

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD  
Heparin

191 BLOOD BANK OF THE ALAMEDA-CONTRA COSTA MEDICAL ASSOCIATION,  
OAKLAND, CALIF.

*Blood and Blood Derivatives*  
Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD  
Heparin

LIC.NO. ESTABLISHMENT AND PRODUCT

192 KING COUNTY CENTRAL BLOOD BANK, INC., SEATTLE, WASH.

*Blood and Blood Derivatives*

Normal Human Plasma

Whole Blood (Human)

ACD

193 CENTER LABORATORIES, INC., PORT WASHINGTON, N.Y.

*Miscellaneous*

Allergenic Extracts

194 SACRAMENTO MEDICAL FOUNDATION BLOOD BANK, SACRAMENTO, CALIF.

*Blood and Blood Derivatives*

Red Blood Cells (Human)

Single Donor Plasma (Human)

Whole Blood (Human)

ACD

195 PENINSULA MEMORIAL BLOOD BANK, BURLINGAME, CALIF.

*Blood and Blood Derivatives*

Red Blood Cells (Human)

Whole Blood (Human)

ACD

CPD

197 SONOMA COUNTY COMMUNITY BLOOD BANK, SANTA ROSA, CALIF.

*Blood and Blood Derivatives*

Whole Blood (Human)

ACD

198 TRI-COUNTIES BLOOD BANK, INC., SANTA BARBARA, CALIF.

*Blood and Blood Derivatives*

Red Blood Cells (Human)

Single Donor Plasma (Human)

Whole Blood (Human)

ACD

199 BLOOD BANK OF HAWAII, HONOLULU, HAWAII

*Blood and Blood Derivatives*

Whole Blood (Human)

ACD

201 SAN DIEGO BLOOD BANK, SAN DIEGO, CALIF.

*Blood and Blood Derivatives*

Red Blood Cells (Human)

Single Donor Plasma (Human)

Whole Blood (Human)

ACD

LIC. NO. ESTABLISHMENT AND PRODUCT

202 TACOMA-PIERCE COUNTY BLOOD BANK, TACOMA, WASH.

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD

203 SPOKANE & INLAND EMPIRE BLOOD BANK, SPOKANE, WASH.

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD

204 VIRGINIA BLOOD BANK, INC., RICHMOND, VA.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

*Diagnostic Substances for Laboratory Tests*

Anti-B Blood Grouping Serum

209 MAXWELL BLOOD BANK, THE CHILDREN'S MEMORIAL HOSPITAL,  
CHICAGO, ILL.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

212 DISTRICT OF COLUMBIA GENERAL HOSPITAL, WASHINGTON, D.C.

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Whole Blood (Human)  
ACD  
CPD  
Heparin

213 BLOOD BANK OF THE WASHINGTON HOSPITAL CENTER, WASHINGTON, D.C.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

214 DOCTORS HOSPITAL BLOOD BANK, WASHINGTON, D.C.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD  
CPD

LIC. NO.                   ESTABLISHMENT AND PRODUCT

215 BLOOD GROUPING LABORATORY, WASHINGTON, D.C.

*Blood and Blood Derivatives*

Normal Human Plasma  
Red Blood Cells (Human)  
Whole Blood (Human)  
ACD  
CPD

218 PROVIDENCE HOSPITAL BLOOD BANK, WASHINGTON, D.C.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

220 BROOME COUNTY BLOOD CENTER, BINGHAMTON, N.Y.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

221 ESSEX COUNTY BLOOD BANK, EAST ORANGE, N.J.

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD  
Heparin

222 AURORA AREA BLOOD BANK, AURORA, ILL.

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD  
Heparin

224 COMMUNITY BLOOD AND PLASMA SERVICE, INC., BIRMINGHAM, ALA.

with locations at:

Mobile, Ala.                   Jackson, Miss.  
New York, N.Y.               Columbus, Ga.

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD  
Heparin

LIC.NO.                   ESTABLISHMENT AND PRODUCT

226 BLOOD BANK OF SAN BERNARDINO AND RIVERSIDE COUNTIES, INC.,  
SAN BERNARDINO, CALIF.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

227 CENTRAL FLORIDA BLOOD BANK, INC., ORLANDO, FLA.  
with locations at:

Eustis, Fla.                 Rockledge, Fla.  
Sanford, Fla.                 Titusville, Fla.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

228 SOUTHWEST FLORIDA BLOOD BANK, INC., TAMPA, FLA.

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Whole Blood (Human)  
ACD  
CPD

230 NORTHERN CALIFORNIA COMMUNITY BLOOD BANK, EUREKA, CALIF.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD  
CPD

231 DUBUQUE BLOOD BANK ASSOCIATION, DUBUQUE, IOWA

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

233 OCHSNER FOUNDATION HOSPITAL BLOOD BANK, NEW ORLEANS, LA.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD  
CPD

234 CENTRAL BLOOD BANK OF PITTSBURGH, PITTSBURGH, PA.

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD

LIC. NO.                   ESTABLISHMENT AND PRODUCT

235 UNIVERSITY OF CINCINNATI BLOOD TRANSFUSION SERVICE,  
CINCINNATI, OHIO

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD

*Diagnostic Substances for Laboratory Tests*

Anti-A Blood Grouping Serum  
Anti-B Blood Grouping Serum  
Anti-Rh Typing Serums:  
    Anti-Rh<sub>O</sub> (Anti-D)  
Reagent Red Blood Cells (Human)

237 SHREVEPORT EMERGENCY BLOOD BANK, INC., SHREVEPORT, LA.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD  
CPD

238 ISTITUTO SIEROTERAPICO VACCINOGENO TOSCANO SCLAVO, SIENA, ITALY

*Antitoxins*

Diphtheria Antitoxin  
Tetanus Antitoxin

*Therapeutic Immune Serums*

Antirabies Serum

*Toxoids and Toxins for Immunization*

Diphtheria Toxoid  
Diphtheria Toxoid Adsorbed  
Staphylococcus Toxoid  
Tetanus Toxoid  
Tetanus Toxoid Adsorbed

239 HOUCHIN COMMUNITY BLOOD BANK, BAKERSFIELD, CALIF.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

240 MEMPHIS BLOOD CENTER, INC., MEMPHIS, TENN.

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD  
Heparin

LIC. NO.                   ESTABLISHMENT AND PRODUCT

241 COMMUNITY BLOOD AND PLASMA SERVICE, INC., OF TEXAS, HOUSTON, TEX.  
with locations at:  
Dallas, Tex.                 Los Angeles, Calif.

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Whole Blood (Human)  
ACD  
Heparin

244 TRAVIS COUNTY MEDICAL SOCIETY BLOOD BANK, AUSTIN, TEX.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

246 COFFEE MEMORIAL BLOOD CENTER, INC., AMARILLO, TEX.

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD  
CPD

248 SOUTH BEND MEDICAL FOUNDATION, INC., SOUTH BEND, IND.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD  
CPD

249 NORTHERN ILLINOIS BLOOD BANK, ROCKFORD, ILL.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

251 JACOB BLUMBERG MEMORIAL BLOOD BANK, INC.,  
OF THE LAKE COUNTY MEDICAL SOCIETY, WAUKEGAN, ILL.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD  
CPD

254 KNOXVILLE BLOOD CENTER, INC., KNOXVILLE, TENN.

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD  
CPD  
Heparin

LIC.NO.                   ESTABLISHMENT AND PRODUCT

258 OESTERREICHISCHES INSTITUT FUER HAEMODERIVATE G.M.B.H.,  
VIENNA, AUSTRIA

*Blood and Blood Derivatives*

Immune Serum Globulin (Human)  
Normal Serum Albumin (Human)  
Plasma Protein Fraction (Human)  
Tetanus Immune Globulin (Human)

259 HOLSTON VALLEY COMMUNITY HOSPITAL BLOOD BANK, KINGSPORT, TENN.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD  
CPD

260 ST. FRANCIS HOSPITAL BLOOD BANK, TRENTON, N.J.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

261 HOSPITAL BLOOD SERVICE, INC., DETROIT, MICH.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

263 THE COMMUNITY BLOOD BANK OF NORTON, INC., NORTON, VA.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

265 W.E. AND LELA I. STEWART BLOOD CENTER, INC., TYLER, TEX.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

266 BLOOD BANK OF THE BRYN MAWR HOSPITAL, BRYN MAWR, PA.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

267 BLOOD BANK OF ST. LUKE'S HOSPITAL (DULUTH), DULUTH, MINN.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD  
CPD

LIC. NO.                  ESTABLISHMENT AND PRODUCT

268 INTERSTATE BLOOD BANK, INC., ST. LOUIS, MO.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD  
Heparin

269 BEVERLY BLOOD CENTER, INC., CHICAGO, ILL. with location at:  
Glenview, Ill.

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD  
CPD  
Heparin

270 MARIETTA MEMORIAL HOSPITAL, MARIETTA, OHIO

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Whole Blood (Human)  
ACD  
CPD

271 ST. LUKE'S MEMORIAL HOSPITAL BLOOD BANK, RACINE, WIS.

*Blood and Blood Derivatives*

Tetanus Immune Globulin (Human)  
Whole Blood (Human)  
ACD

272 MICHIGAN COMMUNITY BLOOD CENTER, DETROIT, MICH. with locations at:  
Grand Rapids, Mich.      Saginaw, Mich.

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD  
Heparin

273 OKLAHOMA CITY COMMUNITY BLOOD BANK, INC., OKLAHOMA CITY, OKLA.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

LIC. NO.                   ESTABLISHMENT AND PRODUCT

274 BERGEN COMMUNITY BLOOD BANK, PARAMUS, N.J.

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD  
Heparin

276 WESTERN PENNSYLVANIA BLOOD CENTER, INC., PITTSBURGH, PA.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

277 COMMUNITY MEMORIAL GENERAL HOSPITAL, LA GRANGE, ILL.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

278 PIONEER BLOOD SERVICE, INC., BRONX, N.Y.

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD

283 HOFFMANN LABORATORIES, INC., FAIR LAWN, N.J.

*Bacterial Antigens*

1 Bacterial antigens with "No U.S. Standard of Potency"  
5 Polyvalent bacterial antigens with "No U.S.  
Standard of Potency"

284 RHODE ISLAND HOSPITAL BLOOD BANK, PROVIDENCE, R.I.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

286 EDGEWATER HOSPITAL BLOOD BANK, CHICAGO, ILL.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

LIC.NO.                   ESTABLISHMENT AND PRODUCT

288 DELTA BLOOD BANK, STOCKTON, CALIF.

*Blood and Blood Derivatives*

Whole Blood (Human)

ACD

CPD

289 HOSPITAL UNIVERSITY OF PENNSYLVANIA BLOOD BANK, PHILADELPHIA, PA.

*Blood and Blood Derivatives*

Red Blood Cells (Human)

Single Donor Plasma (Human)

Whole Blood (Human)

ACD

*Diagnostic Substances for Laboratory Tests*

Anti-A Blood Grouping Serum

Anti-B Blood Grouping Serum

Anti-A,B Blood Grouping Serum

Anti-Human Serum

Anti-K Serum (Anti-Kell)

Anti-Rh Typing Serums:

Anti-Rh<sub>O</sub> (Anti-D)

290 PINEVIEW GENERAL HOSPITAL BLOOD BANK, VALDOSTA, GA.

*Blood and Blood Derivatives*

Whole Blood (Human)

ACD

CPD

295 COMMUNITY BLOOD BANK AND SERUM SERVICE, HOBOKEN, N.J.

*Blood and Blood Derivatives*

Red Blood Cells (Human)

Single Donor Plasma (Human)

Whole Blood (Human)

ACD

Heparin

296 MIDWEST BLOOD SERVICE, INC., DETROIT, MICH.

*Blood and Blood Derivatives*

Whole Blood (Human)

ACD

298 LEWISTON-CLARKSTON BLOOD BANK, LEWISTON, IDAHO

*Blood and Blood Derivatives*

Whole Blood (Human)

ACD

LIC. NO. ESTABLISHMENT AND PRODUCT

299 DELMONT LABORATORIES, INC., SWARTHMORE, PA.

*Bacterial Antigens*

I Polyclonal bacterial antigen with "No U.S.  
Standard of Potency"

300 MASSACHUSETTS GENERAL HOSPITAL, BOSTON, MASS.

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Whole Blood (Human)  
ACD

301 CLEVELAND BIOLOGICALS, INC., CLEVELAND, OHIO with location at:  
Akron, Ohio

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD  
CPD  
Heparin

302 COMMUNITY BLOOD BANK OF THE KANSAS CITY AREA, INC.,  
KANSAS CITY, MO.

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD  
CPD  
Heparin

304 LANE MEMORIAL BLOOD BANK, EUGENE, OREG.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

305 INTERSTATE BLOOD BANK, INC., OF CHICAGO, ILLINOIS, CHICAGO, ILL.

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD  
Heparin

306 PUREX LABORATORIES, INC., HANOVER, N.J.

*Miscellaneous*

Allergenic Extracts

LIC. NO.                   ESTABLISHMENT AND PRODUCT

308 GREER LABORATORIES, INC., LENOIR, N.C.

*Miscellaneous*  
Allergenic Extracts

309 SUBURBAN HOSPITAL BLOOD BANK, BETHESDA, MD.

*Blood and Blood Derivatives*  
Whole Blood (Human)  
ACD

310 ARLINGTON HOSPITAL BLOOD BANK, ARLINGTON, VA.

*Blood and Blood Derivatives*  
Whole Blood (Human)  
ACD

312 WORLD BLOOD BANK, INC., TULSA, OKLA.

*Blood and Blood Derivatives*  
Whole Blood (Human)  
ACD  
Heparin

313 SOUTHEASTERN GENERAL HOSPITAL, INC., LUMBERTON, N.C.

*Blood and Blood Derivatives*  
Whole Blood (Human)  
ACD  
CPD

314 BLOOD BANK, N.C. MEMORIAL HOSPITAL, UNIVERSITY OF NORTH CAROLINA,  
CHAPEL HILL, N.C.

*Blood and Blood Derivatives*  
Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD

315 CENTRAL CALIFORNIA BLOOD BANK, FRESNO, CALIF.

*Blood and Blood Derivatives*  
Whole Blood (Human)  
ACD  
CPD

316 MAINE MEDICAL CENTER BLOOD BANK, PORTLAND, MAINE

*tives*

LIC.NO.                   ESTABLISHMENT AND PRODUCT

317 ST. VINCENT HOSPITAL BLOOD BANK, ERIE, PA.

*Blood and Blood Derivatives*

Whole Blood (Human)

ACD

320 GARDEN STATE BLOOD BANK, NEWARK, N.J.

*Blood and Blood Derivatives*

Whole Blood (Human)

ACD

321 NATIONAL BLOOD PRODUCTS, INC., NEW YORK, N.Y.

*Blood and Blood Derivatives*

Red Blood Cells (Human)

Single Donor Plasma (Human)

Whole Blood (Human)

ACD

Heparin

325 A/B KABI, STOCKHOLM, SWEDEN

*Miscellaneous*

Streptokinase

326 NEW HANOVER MEMORIAL HOSPITAL BLOOD BANK, WILMINGTON, N.C.

*Blood and Blood Derivatives*

Whole Blood (Human)

ACD

327 THE ELIZABETH GENERAL HOSPITAL AND DISPENSARY, ELIZABETH, N.J.

*Blood and Blood Derivatives*

Whole Blood (Human)

ACD

CPD

332 TRI-CITIES BLOOD SERVICE, INC., JOHNSON CITY, TENN.

*Blood and Blood Derivatives*

Whole Blood (Human)

ACD

333 CENTRAL BLOOD SERVICE, INC., BALTIMORE, MD.

*Blood and Blood Derivatives*

Whole Blood (Human)

ACD

LIC. NO. ESTABLISHMENT AND PRODUCT

334 BERKELEY BIOLOGICALS, BERKELEY, CALIF.

*Miscellaneous*  
Allergenic Extracts

336 EASTERN BLOOD BANK, JERSEY CITY, N.J.

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD  
Heparin

337 GLAXO LABORATORIES, LTD., GREENFORD, MIDDLESEX, ENGLAND

*Bacterial Vaccines*  
BCG Vaccine

338 PFIZER, LTD., SANDWICH, KENT, ENGLAND

*Viral and Rickettsial Vaccines*

Poliovirus Vaccine, Live, Oral, Trivalent  
Poliovirus Vaccine, Live, Oral, Type 1  
Poliovirus Vaccine, Live, Oral, Type 2  
Poliovirus Vaccine, Live, Oral, Type 3

339 HARRISON COUNTY BLOOD BANK, CLARKSBURG, W.VA.

*Blood and Blood Derivatives*  
Whole Blood (Human)  
ACD

344 SPECTRA BIOLOGICALS DIVISION BECTON-DICKINSON & CO., OXNARD, CALIF.

*Diagnostic Substances for Laboratory Tests*

Absorbed Anti-A Serum  
Anti-A Blood Grouping Serum  
Anti-B Blood Grouping Serum  
Anti-A,B Blood Grouping Serum  
Anti-Dia Serum (Anti-Diego)  
Anti-Fya Serum (Anti-Duffy)  
Anti-Fyb Serum  
Anti-Human Serum  
Anti-Jka Serum (Anti-Kidd)  
Anti-Jsa Serum (Anti-Sutter)  
Anti-k Serum (Anti-Cellano)  
Anti-K Serum (Anti-Kell)  
Anti-Kpa Serum (Anti-Penney)  
Anti-Kpb Serum (Anti-Rautenberg)  
Anti-M Serum  
Anti-Mia Serum (Anti-Mittenthaler)  
Anti-P Serum

LIC. NO.

ESTABLISHMENT AND PRODUCT

344 SPECTRA BIOLOGICALS (cont'd)

*Diagnostic Substances for Laboratory Tests*

Anti-Rh Typing Serums:

Anti-Rho (Anti-D)  
Anti-Rho' (Anti-CD)  
Anti-Rho" (Anti-DE)  
Anti-Rh<sub>0</sub>rh'rh" (Anti-CDE)  
Anti-rh' (Anti-C)  
Anti-rh" (Anti-E)  
Anti-hr' (Anti-c)  
Anti-hr" (Anti-e)  
Anti-rh<sup>w</sup> (Anti-CW)  
Anti-S Serum  
Anti-s Serum  
Reagent Red Blood Cells (Human)

345 SCIENTIFIC BLOOD BANK, INC., CHICAGO, ILL.

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD  
CPD  
Heparin

346 OHIO VALLEY BLOOD SERVICE, INC., EVANSVILLE, IND.

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Whole Blood (Human)  
ACD

347 BANCO DE SANGRE METROPOLITANO, INC., SANTURCE, P.R.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

348 DES MOINES COUNTY MEDICAL SOCIETY BLOOD BANK, INC.,  
BURLINGTON, IOWA

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

349 SCHERING CORPORATION, PORT READING, N.J.

*Diagnostic Substances for Laboratory Tests*

Anti-A Blood Grouping Serum  
Anti-B Blood Grouping Serum  
Anti-A,B Blood Grouping Serum  
Anti-Fy<sup>a</sup> Serum (Anti-Duffy)  
Anti-Human Serum  
Anti-Jka Serum (Anti-Kidd)  
Anti-Jkb Serum  
Anti-K Serum (Anti-Kell)

LIC.NO. ESTABLISHMENT AND PRODUCT

349 SCHERING CORPORATION (cont'd)

*Diagnostic Substances for Laboratory Tests*

Anti-M Serum  
Anti-N Serum  
Anti-P Serum  
Anti-Rh Typing Serums:  
    Anti-Rh<sub>o</sub> (Anti-D)  
    Anti-Rh<sub>o'</sub> (Anti-CD)  
    Anti-Rh<sub>o''</sub> (Anti-DE)  
    Anti-Rh<sub>o'rh'rh''</sub> (Anti-CDE)  
    Anti-rh' (Anti-C)  
    Anti-rh'' (Anti-E)  
    Anti-hr' (Anti-c)  
    Anti-hr'' (Anti-e)  
    Anti-rh<sup>w</sup> (Anti-CW)  
Anti-S Serum  
Anti-s Serum  
Reagent Red Blood Cells (Human)

351 EVANS MEDICAL LIMITED, SPEKE, LIVERPOOL, ENGLAND

*Diagnostic Substances for Dermal Tests*

Tuberculin  
Purified Protein Derivative

354 NEW ORLEANS BLOOD BANK, NEW ORLEANS, LA.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD  
CPD  
Heparin

355 ALEXANDRIA HOSPITAL BLOOD BANK, ALEXANDRIA, VA.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

356 DAYTON BIOLOGICALS, INC., DAYTON, OHIO

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD  
CPD

357 GREENVILLE GENERAL HOSPITAL BLOOD BANK, GREENVILLE, S.C.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

LIC. NO.                   ESTABLISHMENT AND PRODUCT

358 INSTITUTE PLANT EMPLOYEES' BLOOD BANK, UNION CARBIDE CORP.,  
INSTITUTE, W.VA.

*Blood and Blood Derivatives*  
Whole Blood (Human)  
ACD

359 PRINCETON LABORATORY PRODUCTS CO., PRINCETON, N.J.

*Diagnostic Substances for Laboratory Tests*  
Anti-Human Chorionic Gonadotrophic Serum

360 MERCED COUNTY GENERAL HOSPITAL BLOOD BANK, MERCED, CALIF.

*Blood and Blood Derivatives*  
Whole Blood (Human)  
ACD

361 BLOOD BANK OF ALASKA, INC., ANCHORAGE, ALASKA

*Blood and Blood Derivatives*  
Whole Blood (Human)  
ACD

362 MILES LABORATORIES, INC., ELKHART, IND. with location at:  
West Haven, Conn.

*Blood and Blood Derivatives*  
Radio-Iodinated (1125) Serum Albumin (Human)  
Radio-Iodinated (1131) Serum Albumin (Human)

*Diagnostic Substances for Laboratory Tests*  
Anti-Human Chorionic Gonadotrophic Serum

*Miscellaneous*  
Allergenic Extracts  
Allergenic Extracts Alum Precipitated  
Poison Ivy Extract Alum Precipitated

363 ORGANON, INC., WEST ORANGE, N.J.

*Diagnostic Substances for Laboratory Tests*  
Anti-Human Chorionic Gonadotrophic Serum

364 BEECHAM GROUP LTD., WORTHING, SUSSEX, ENGLAND

*Miscellaneous*  
Allergenic Extracts

365 FAIRFAX HOSPITAL BLOOD BANK, FALLS CHURCH, VA.

*Blood and Blood Derivatives*  
Whole Blood (Human)  
ACD

LIC. NO.                   ESTABLISHMENT AND PRODUCT

366 SCOTT COUNTY MEDICAL SOCIETY BLOOD BANK, INC., DAVENPORT, IOWA

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD

368 DUNKLIN COUNTY MEMORIAL HOSPITAL, KENNETT, MO.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD  
CPD

369 HOLY CROSS HOSPITAL OF SILVER SPRING BLOOD BANK,  
SILVER SPRING, MD.

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Whole Blood (Human)  
ACD

372 BROEMMEL PHARMACEUTICALS, SAN FRANCISCO, CALIF.

*Miscellaneous*

Poison Ivy Extract  
Poison Oak Extract

373 ROCK ISLAND COUNTY BLOOD BANK, INC., ROCK ISLAND, ILL.

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD  
CPD

374 ATLANTIC CLINICAL LABORATORY BLOOD BANK, INC., MIAMI BEACH, FLA.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD  
CPD

375 BLOOD BANK OF THE MARYLAND GENERAL HOSPITAL, BALTIMORE, MD.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

LIC.NO. ESTABLISHMENT AND PRODUCT

376 PHILIPS ROXANE, INC., ST. JOSEPH, MO.

*Viral and Rickettsial Vaccines*  
Measles Virus Vaccine, Live, Attenuated  
Rubella Virus Vaccine, Live

378 N.V. ORGANON, OSS, THE NETHERLANDS

*Diagnostic Substances for Laboratory Tests*  
Anti-Human Chorionic Gonadotropin Serum

379 CENTRAL LABORATORY OF THE NETHERLANDS RED CROSS,  
BLOOD TRANSFUSION SERVICE, AMSTERDAM, THE NETHERLANDS

*Blood and Blood Derivatives*  
Immune Serum Globulin (Human)

380 SIBLEY MEMORIAL HOSPITAL, WASHINGTON, D.C.

*Blood and Blood Derivatives*  
Whole Blood (Human)  
ACD  
CPD  
Heparin

381 THE ROOSEVELT HOSPITAL, NEW YORK, N.Y.

*Miscellaneous*  
Allergenic Extracts

382 NYEGAARD & CO. A/S, OSLO, NORWAY

*Blood and Blood Derivatives*  
Modified Plasma (Bovine)

383 ADVANCE BIOFACTURES CORPORATION, LYNBROOK, N.Y.

*Miscellaneous*  
Collagenase

384 INSTITUT MERIEUX, LYON, FRANCE

*Diagnostic Substances for Dermal Tests*  
Tuberculin  
Old

LIC. NO.                   ESTABLISHMENT AND PRODUCT

386 COMMUNITY BLOOD COUNCIL OF GREATER NEW YORK, INC.,  
THE NEW YORK BLOOD CENTER, NEW YORK, N.Y.

*Blood and Blood Derivatives*

Normal Serum Albumin (Human)  
Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD  
Heparin

387 PHOEBE PUTNEY MEMORIAL HOSPITAL BLOOD BANK, ALBANY, GA.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD  
CPD

388 MEDICAL CENTER BLOOD BANK, COLUMBUS, GA.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

389 COMMUNITY BLOOD BANK OF CENTRAL IOWA, DES MOINES, IOWA

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

390 ST. BARNABAS HOSPITAL FOR CHRONIC DISEASES, BRONX, N.Y.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

391 MEDIX, INC., CHICAGO, ILL.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

392 WASHINGTON HOMOEOPATHIC PHARMACY, WASHINGTON, D.C.

*Miscellaneous*

Poison Ivy Extract

393 N.V. PHILIPS-DUPHAR, WEESP AND OLST, THE NETHERLANDS

*Viral and Rickettsial Vaccines*

Influenza Virus Vaccine

LIC. NO.                   ESTABLISHMENT AND PRODUCT

394 COMMUNITY BLOOD CENTER, DAYTON, OHIO

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD

395 PERTH AMBOY GENERAL HOSPITAL, PERTH AMBOY, N.J.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

396 NATIONAL BLOOD SERVICE, INC., BALTIMORE, MD.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD  
Heparin

397 LABORATORIO Y BANCO DE SANGRE ARRECHE, SANTURCE, P.R.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

398 COMMUNITY BLOOD BANK OF MARION COUNTY, INC., INDIANAPOLIS, IND.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD  
CPD

399 BLOOD BANK OF DEACONESS HOSPITAL, INC., EVANSVILLE, IND.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD  
CPD

400 NATIONAL BLOOD SERVICE OF PHILADELPHIA, INC., PHILADELPHIA, PA.

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD  
Heparin

LIC. NO.                   ESTABLISHMENT AND PRODUCT

401 CHATTANOOGA BLOOD CENTER, INC., CHATTANOOGA, TENN.

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Whole Blood (Human)  
ACD  
CPD  
Heparin

402 STANFORD UNIVERSITY HOSPITAL BLOOD BANK, PALO ALTO, CALIF.

*Blood and Blood Derivatives*

Cryoprecipitated Antihemophilic Factor (Human)  
Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
ACD  
CPD  
Heparin

403 ST. JOSEPH HOSPITAL, INC., BALTIMORE, MD.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

404 BLOOD BANK AND SERUM SERVICE, INC., NEW YORK, N.Y.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

405 HARRISBURG POLYCLINIC HOSPITAL, HARRISBURG, PA.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

406 LAS AMERICAS LABORATORY AND BLOOD BANK, INC., HATO REY, P.R.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

407 ALLERGY LABORATORIES OF OHIO, INC., COLUMBUS, OHIO

*Miscellaneous*

Allergenic Extracts

408 UNITED LABORATORIES, INC., ATLANTA, GA.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

LIC.NO. ESTABLISHMENT AND PRODUCTS

409 ANDREN, INC., FORT MYERS, FLA.

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
CPD

410 TRI-CITIES BLOOD SERVICE OF AUGUSTA, INC., AUGUSTA, GA.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

411 MID-SOUTH BLOOD SERVICE, INC., MEMPHIS, TENN.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

412 ALLERGY SPECIFICS, INC., NEW YORK, N.Y.

*Miscellaneous*

Allergenic Extracts

413 NORTH AMERICAN BIOLOGICALS, INC., FORT LAUDERDALE, FLA.

*Blood and Blood Derivatives*

Red Blood Cells (Human)  
Single Donor Plasma (Human)  
Whole Blood (Human)  
CPD

*Diagnostic Substances for Laboratory Tests*

Anti-A Blood Grouping Serum  
Anti-B Blood Grouping Serum  
Anti-A,B Blood Grouping Serum  
Anti-Rh Typing Serums:  
Anti-Rh<sub>O</sub>" (Anti-DE)  
Anti-rh" (Anti-E)

414 AMERICAN BLOOD COMPONENTS, INC., MEMPHIS, TENN.

*Blood and Blood Derivatives*

Single Donor Plasma (Human)

415 METABOLIC, INC., HOUSTON, TEX.

*Blood and Blood Derivatives*

Whole Blood (Human)  
ACD

LIC. NO.                   ESTABLISHMENT AND PRODUCT

415 METABOLIC, INC. (cont'd)

*Diagnostic Substances for Laboratory Tests*

Anti-A Blood Grouping Serum  
Anti-B Blood Grouping Serum  
Anti-A,B Blood Grouping Serum  
Anti-Human Serum  
Anti-K Serum (Anti-Kell)  
Anti-Rh Typing Serums:  
    Anti-rh' (Anti-C)  
    Anti-Rho (Anti-D)  
Reagent Red Blood Cells (Human)

416 BIOPRODUCTS RESEARCH LABORATORIES, INC., TEMPE, ARIZ.

*Diagnostic Substances for Dermal Tests*  
Coccidioidin

417 STATE UNIVERSITY HOSPITAL, UPSTATE MEDICAL CENTER, SYRACUSE, N.Y.

*Blood and Blood Derivatives*  
Whole Blood (Human)  
ACD

418 ALLIED PLASMA CORP., MIAMI, FLA.

*Blood and Blood Derivatives*  
Whole Blood (Human)  
ACD

419 COLUMBUS BIOLOGICALS, INC., COLUMBUS, OHIO

*Blood and Blood Derivatives*  
Whole Blood (Human)  
ACD  
CPD

420 EASTERN BIOLOGICALS, INC., MIAMI, FLA.

*Diagnostic Substances for Laboratory Tests*

Anti-A Blood Grouping Serum  
Anti-B Blood Grouping Serum  
Anti-Human Serum  
Anti-Rh Typing Serums:  
    Anti-Rhorh'rh" (Anti-CDE)  
    Anti-Rho (Anti-D)

421 GEORGIA BLOOD BANK & SERUM LABORATORIES, INC., AUGUSTA, GA.

*Blood and Blood Derivatives*  
Whole Blood (Human)  
ACD

LIC. NO.                   ESTABLISHMENT AND PRODUCT

422 AMERICAN BLOOD BANK SERVICE, INC., MIAMI, FLA.

*Blood and Blood Derivatives*  
Whole Blood (Human)  
ACD

423 GCI LABORATORIES, INC., CLEARWATER, FLA.

*Blood and Blood Derivatives*  
Red Blood Cells (Human)  
Whole Blood (Human)  
CPD

425 HOMER D. COBB MEMORIAL HOSPITAL, PHENIX CITY, ALA.

*Blood and Blood Derivatives*  
Whole Blood (Human)  
CPD

427 WELLCOME REAGENTS LIMITED, BECKENHAM, KENT, ENGLAND

*Diagnostic Substances for Laboratory Tests*  
Anti-Human Chorionic Gonadotropin Serum

*Miscellaneous*  
Russell Viper Venom

428 COMMUNITY BLOOD COUNCIL OF MERCER COUNTY, INC., TRENTON, N.J.

*Blood and Blood Derivatives*  
Whole Blood (Human)  
CPD

429 PENINSULA GENERAL HOSPITAL OF WICOMICO COUNTY, SALISBURY, MD.

*Blood and Blood Derivatives*  
Whole Blood (Human)  
ACD  
CPD

430 RECHERCHE ET INDUSTRIE THERAPEUTIQUES S.A., RIXENSART, BELGIUM

*Viral and Rickettsial Vaccines*  
Rubella Virus Vaccine, Live

431 ST. FRANCIS HOSPITAL, INC. COLUMBUS, GA.

*Blood and Blood Derivatives*  
Whole Blood (Human)  
ACD

LIC. NO.                   ESTABLISHMENT AND PRODUCT

432 RALEIGH BLOOD CENTER, DIVISION NORTH CAROLINA STATE  
BLOOD CENTERS, INC., RALEIGH, N.C.

*Blood and Blood Derivatives*  
Whole Blood (Human)  
ACD

433 "BIOTEST"-SERUM-INSTITUT GMBH, FRANKFURT/MAIN, WEST GERMANY

*Diagnostic Substances for Laboratory Tests*  
Anti-A Blood Grouping Serum  
Anti-B Blood Grouping Serum

**ALPHABETICAL LIST OF BIOLOGIC PRODUCTS WITH LICENSE NUMBERS  
OF ESTABLISHMENTS LICENSED FOR EACH PRODUCT**

PART III

| PRODUCT                                                                         | LICENSE NUMBER                                                                                                                               |
|---------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Absorbed Anti-A Serum                                                           | 139, 140, 155, 156, 157, 158, 159, 164,<br>165, 179, 344                                                                                     |
| Adenovirus and Influenza Virus Vaccines<br>Combined Aluminum Phosphate Adsorbed | 1                                                                                                                                            |
| Adenovirus Vaccine                                                              | 1, 3                                                                                                                                         |
| Aggregated Radio-Iodinated ( <sup>131</sup> I) Albumin<br>(Human)               | 43, 52, 77                                                                                                                                   |
| Allergenic Extracts                                                             | 1, 17, 56, 84, 91, 103, 107, 119,<br>147, 152, 193, 306, 308, 334, 362, 364,<br>381, 407, 412                                                |
| Allergenic Extracts Alum Precipitated                                           | 362                                                                                                                                          |
| Anthrax Vaccine Adsorbed                                                        | 99                                                                                                                                           |
| Anti-A Blood Grouping Serum                                                     | 17, 43, 139, 140, 149, 155, 156, 157,<br>158, 159, 164, 165, 166, 168, 179, 181,<br>185, 187, 235, 289, 344, 349, 413, 415,<br>420, 433      |
| Anti-B Blood Grouping Serum                                                     | 17, 43, 139, 140, 149, 155, 156, 157,<br>158, 159, 164, 165, 166, 168, 179, 181,<br>185, 187, 204, 235, 289, 344, 349, 413,<br>415, 420, 433 |
| Anti-A,B Blood Grouping Serum                                                   | 17, 43, 139, 140, 149, 156, 157, 158,<br>164, 165, 179, 289, 344, 349, 415                                                                   |
| Anti-Dia Serum (Anti-Diego)                                                     | 164, 179, 344                                                                                                                                |
| Anti-Fya Serum (Anti-Duffy)                                                     | 17, 43, 140, 155, 156, 157, 159, 164,<br>166, 179, 344, 349                                                                                  |
| Anti-Fyb Serum                                                                  | 164, 179, 344                                                                                                                                |
| Anti-Gr(Vw) Serum                                                               | 159                                                                                                                                          |
| Antihemophilic Factor (Human)                                                   | 1, 52, 140, 171                                                                                                                              |
| Antihemophilic Globulin (Human)                                                 | 99                                                                                                                                           |
| Antihemophilic Plasma (Human)                                                   | 113, 140, 165, 171                                                                                                                           |
| Anti-Hemophilus influenzae Type b Serum                                         | 99                                                                                                                                           |
| Anti-Human Chorionic Gonadotrophic Serum                                        | 1, 136, 140, 156, 359, 362, 363, 378,<br>427                                                                                                 |
| Anti-Human Serum                                                                | 17, 43, 139, 140, 149, 155, 156, 157,<br>158, 159, 164, 165, 168, 179, 181, 187,<br>289, 344, 349, 415, 420                                  |

| PRODUCT                                                             | LICENSE NUMBER                                                                                                       |
|---------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Anti-Influenza Virus Serum for the Hemagglutination Inhibition Test | 1                                                                                                                    |
| Anti-I Serum                                                        | 140                                                                                                                  |
| Anti-Jka Serum (Anti-Kidd)                                          | 159, 164, 179, 344, 349                                                                                              |
| Anti-Jkb Serum                                                      | 164, 349                                                                                                             |
| Anti-Jsa Serum (Anti-Sutter)                                        | 344                                                                                                                  |
| Anti-k Serum (Anti-Cellano)                                         | 155, 156, 157, 164, 179, 344                                                                                         |
| Anti-K Serum (Anti-Kell)                                            | 17, 139, 140, 149, 155, 156, 157, 159, 164, 165, 166, 179, 289, 344, 349, 415                                        |
| Anti-Kpa Serum (Anti-Penney)                                        | 159, 164, 179, 344                                                                                                   |
| Anti-Kpb Serum (Anti-Rautenberg)                                    | 164, 344                                                                                                             |
| Anti-Kpb and Anti-K Serum<br>(Anti-Rautenberg and Anti-Kell)        | 159                                                                                                                  |
| Anti-Lea Serum (Anti-Lewis)                                         | 140, 149, 159, 164, 179                                                                                              |
| Anti-Leb Serum                                                      | 159, 179                                                                                                             |
| Anti-Lua Serum (Anti-Lutheran)                                      | 164                                                                                                                  |
| Anti-M Serum                                                        | 17, 43, 139, 140, 149, 155, 156, 157, 159, 164, 168, 179, 344, 349                                                   |
| Anti-M9 Serum                                                       | 159, 179                                                                                                             |
| Anti-Mia Serum (Anti-Miltenberger)                                  | 344                                                                                                                  |
| Anti-N Serum                                                        | 17, 139, 140, 149, 157, 164, 168, 179<br>349                                                                         |
| Anti-P Serum                                                        | 156, 157, 159, 164, 179, 344, 349                                                                                    |
| Antirabies Serum                                                    | 17, 238                                                                                                              |
| Anti-Rh Typing Serums:                                              |                                                                                                                      |
| Anti-Rho (Anti-D)                                                   | 17, 43, 139, 140, 149, 155, 156, 157, 158, 159, 164, 165, 166, 168, 179, 181, 185, 187, 235, 289, 344, 349, 415, 420 |
| Anti-Rho' (Anti-CD)                                                 | 17, 43, 139, 140, 149, 155, 156, 157, 158, 159, 164, 165, 166, 179, 185, 187, 344, 349                               |
| Anti-Rho" (Anti-DE)                                                 | 43, 139, 140, 149, 155, 156, 157, 158, 164, 165, 179, 344, 349, 413                                                  |
| Anti-Rhorh'rh" (Anti-CDE)                                           | 17, 43, 139, 140, 149, 156, 157, 158, 164, 165, 179, 187, 344, 349, 420                                              |

| PRODUCT                                                  | LICENSE NUMBER                                                                               |
|----------------------------------------------------------|----------------------------------------------------------------------------------------------|
| Anti-rh' (Anti-C)                                        | 17, 43, 139, 140, 149, 155, 156, 157,<br>158, 159, 164, 165, 179, 185, 344, 349              |
| Anti-rh" (Anti-E)                                        | 17, 43, 139, 140, 149, 155, 156, 157,<br>158, 159, 164, 165, 166, 179, 185, 344,<br>349, 413 |
| Anti-hr' (Anti-c)                                        | 17, 43, 139, 140, 149, 155, 156, 157,<br>164, 165, 166, 179, 185, 344, 349, 415              |
| Anti-hr" (Anti-e)                                        | 17, 43, 139, 140, 149, 155, 156, 157,<br>159, 164, 165, 166, 179, 344, 349                   |
| Anti-hrv (Anti-V)                                        | 164                                                                                          |
| Anti-rhw (Anti-Cw)                                       | 17, 140, 156, 157, 159, 164, 179, 344,<br>349                                                |
| Anti-Rho + Rh <sub>o</sub> (Anti-D + Du)                 | 159                                                                                          |
| Anti-rhw & Anti-K Serum (Anti-(Cw+Kell))                 | 155                                                                                          |
| Anti-S Serum                                             | 140, 156, 157, 159, 164, 179, 344, 349                                                       |
| Anti-s Serum                                             | 17, 140, 156, 157, 164, 179, 344, 349                                                        |
| Anti-U Serum (Anti-Ss)                                   | 149, 164                                                                                     |
| Anti-Xga Serum                                           | 179                                                                                          |
| Antivenin (Crotalidae) Polyclonal                        | 3                                                                                            |
| Antivenin ( <i>Lactrodectus mactans</i> )                | 2                                                                                            |
| Antivenin ( <i>Micruurus fulvius</i> )                   | 3                                                                                            |
| Anti-Wra Serum (Anti-Wright)                             | 159                                                                                          |
| Bacterial antigens with "No U.S.<br>Standard of Potency" | 238                                                                                          |
| BCG Vaccine                                              | 73, 188, 337                                                                                 |
| <i>B. oedematis</i> Antitoxin                            | 1                                                                                            |
| Blood Group Specific Substance A                         | 149, 164                                                                                     |
| Blood Group Specific Substance B                         | 149, 164                                                                                     |
| Blood Group Specific Substances A and B                  | 2, 149                                                                                       |
| Botulism Antitoxin                                       | 17, 73                                                                                       |
| Blastomycin                                              | 1                                                                                            |
| Brucella Skin Test Antigen                               | 2                                                                                            |
| Cholera Vaccine                                          | 2, 3, 17, 56, 101                                                                            |

| PRODUCT                                                                                 | LICENSE NUMBER                            |
|-----------------------------------------------------------------------------------------|-------------------------------------------|
| Cobra Venom with Silicic and Formic Acids                                               | 125                                       |
| Cobra Venom Solution                                                                    | 125                                       |
| Coccidioidin                                                                            | 8, 416                                    |
| Collagenase                                                                             | 383                                       |
| Cryoprecipitated Antihemophilic Factor<br>(Human)                                       | 402                                       |
| Diphtheria Antitoxin                                                                    | 3, 17, 56, 64, 73, 99, 101, 238           |
| Diphtheria and Tetanus Toxoids                                                          | 1, 56                                     |
| Diphtheria and Tetanus Toxoids Adsorbed                                                 | 1, 3, 17, 56, 64, 99, 110, 121            |
| Diphtheria and Tetanus Toxoids and<br>Pertussis Vaccine                                 | 1, 17, 56, 101                            |
| Diphtheria and Tetanus Toxoids and<br>Pertussis Vaccine Adsorbed                        | 1, 2, 3, 17, 56, 64, 99, 101,<br>110, 121 |
| Diphtheria & Tetanus Toxoids & Pertussis<br>& Poliomyelitis Vaccines Adsorbed           | 1                                         |
| Diphtheria & Tetanus Toxoids & Pertussis<br>Vaccine Adsorbed & Poliomyelitis<br>Vaccine | 1, 2, 56                                  |
| Diphtheria Toxin for Schick Test                                                        | 1, 3, 56, 64, 99, 121                     |
| Diphtheria Toxoid                                                                       | 1, 3, 64, 73, 101, 110, 121, 238          |
| Diphtheria Toxoid Adsorbed                                                              | 1, 3, 97, 99, 121, 238                    |
| Diphtheria Toxoid and Pertussis Vaccine<br>Adsorbed                                     | 110                                       |
| Factor IX Complex (Human)                                                               | 8, 140                                    |
| Fibrinogen (Human)                                                                      | 2, 8, 52, 99, 140, 156                    |
| Fibrinogen with Antihemophilic Factor<br>(Human)                                        | 2                                         |
| Fibrinolysin (Human)                                                                    | 2, 156                                    |
| Fibrinolysin and Desoxyribonuclease<br>Combined (Bovine)                                | 1, 2                                      |
| Fibrinolysin and Desoxyribonuclease<br>Combined (Bovine) with Chloramphenicol           | 1                                         |
| Gas Gangrene Polyvalent Antitoxin                                                       | 3, 17, 101, 129                           |
| <i>influenzae</i> Typing Serum                                                          | 140                                       |

| PRODUCT                                  | LICENSE NUMBER                                                    |
|------------------------------------------|-------------------------------------------------------------------|
| Histoplasmin                             | 1, 17, 99                                                         |
| Immune Globulin (Human), Pepsin-Modified | 2                                                                 |
| Immune Serum Globulin (Human)            | 1, 2, 8, 17, 52, 64, 99, 110,<br>140, 149, 156, 171, 258, 379     |
| Influenza Virus Hemagglutinating Antigen | 1                                                                 |
| Influenza Virus Vaccine                  | 1, 2, 3, 17, 56, 101, 110, 393                                    |
| Lymphogranuloma Venereum Antigen         | 17, 52                                                            |
| Measles Immune Globulin (Human)          | 1, 17, 56, 140                                                    |
| Measles-Smallpox Vaccine, Live           | 2                                                                 |
| Measles Virus Vaccine, Inactivated       | 56                                                                |
| Measles Virus Vaccine, Live, Attenuated  | 2, 17, 56, 110, 376                                               |
| Modified Plasma (Bovine)                 | 382                                                               |
| Mumps Immune Globulin (Human)            | 8, 140                                                            |
| Mumps Skin Test Antigen                  | 56                                                                |
| Mumps Vaccine                            | 17, 56                                                            |
| Mumps Virus Vaccine, Live                | 2                                                                 |
| Normal Horse Serum                       | 2, 3, 99                                                          |
| Normal Human Plasma                      | 113, 165, 171, 182, 185, 187, 192, 215                            |
| Normal Human Serum                       | 113                                                               |
| Normal Rabbit Serum                      | 99                                                                |
| Normal Serum Albumin (Human)             | 1, 2, 8, 17, 52, 64, 73, 99,<br>110, 140, 149, 156, 171, 258, 386 |
| Oxophenarsine Hydrochloride              | 1                                                                 |
| Perfringens Antitoxin                    | 1, 56                                                             |
| Pertussis Immune Globulin (Human)        | 8, 140                                                            |
| Pertussis Vaccine                        | 1, 3, 17, 56, 99, 101, 110, 121                                   |
| Pertussis Vaccine Adsorbed               | 99                                                                |
| Plague Vaccine                           | 8                                                                 |
| Plasma Protein Fraction (Human)          | 8, 140, 149, 171, 258                                             |
| Pneumococcus Typing Serum                | 99                                                                |
| Poison Ivy Extract                       | 1, 2, 8, 91, 102, 119, 372, 392                                   |

| PRODUCT                                                                        | LICENSE NUMBER                                                |
|--------------------------------------------------------------------------------|---------------------------------------------------------------|
| Poison Ivy Extract Alum Precipitated                                           | 362                                                           |
| Poison Ivy-Oak-Sumac Extracts Combined                                         | 119                                                           |
| Poison Ivy-Poison Oak Extracts Combined                                        | 91                                                            |
| Poison Oak Extract                                                             | 8, 91, 372                                                    |
| Poison Sumac Extract                                                           | 119                                                           |
| Poliomyelitis Immune Globulin (Human)                                          | 139, 171                                                      |
| Poliomyelitis Vaccine                                                          | 1, 2, 8, 56, 73, 110                                          |
| Poliomyelitis Vaccine Adsorbed                                                 | 1                                                             |
| Poliovirus Vaccine, Live, Oral, Trivalent                                      | 3, 17, 338                                                    |
| Poliovirus Vaccine, Live, Oral, Type 1                                         | 3, 17, 338                                                    |
| Poliovirus Vaccine, Live, Oral, Type 2                                         | 3, 17, 338                                                    |
| Poliovirus Vaccine, Live, Oral, Type 3                                         | 3, 17, 338                                                    |
| Polyvalent bacterial antigens with<br>"No U.S. Standard of Potency"            | 1, 2, 56, 283, 299                                            |
| Polyvalent bacterial vaccines with<br>"No U.S. Standard of Potency"            | 1, 56, 91, 101                                                |
| Polyvalent modified bacterial antigens<br>with "No U.S. Standard of Potency"   | 1                                                             |
| Polyvalent sensitized bacterial vaccines<br>with "No U.S. Standard of Potency" | 2                                                             |
| Profibrinolysin (Human)                                                        | 156                                                           |
| Pseudomonas Polysaccharide                                                     | 140                                                           |
| Rabies Vaccine                                                                 | 1, 17, 56, 99, 101, 121                                       |
| Radio Chromated (Cr51) Serum Albumin<br>(Human)                                | 52                                                            |
| Radio-Iodinated (I125) Serum Albumin<br>(Human)                                | 43, 52, 77, 362                                               |
| Radio-Iodinated (I131) Serum Albumin<br>(Human)                                | 43, 52, 77, 362                                               |
| Reagent Blood Group Specific Substances<br>A and B                             | 179                                                           |
| Reagent Red Blood Cells (Human)                                                | 139, 140, 149, 156, 157, 164, 168, 179,<br>235, 344, 349, 415 |

| PRODUCT                                                                                                                                                            | LICENSE NUMBER                                                                                                                                                                                                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Red Blood Cells (Human)                                                                                                                                            | 113, 139, 140, 164, 165, 166, 168, 169, 171, 175, 181, 182, 183, 185, 187, 190, 191, 194, 195, 198, 201, 202, 203, 212, 215, 221, 222, 224, 228, 234, 235, 240, 241, 246, 254, 269, 270, 272, 274, 278, 289, 295, 300, 302, 305, 314, 321, 336, 345, 346, 366, 369, 371, 373, 386, 394, 400, 401, 402, 409, 413, 423 |
| Rho (D) Immune Globulin (Human)                                                                                                                                    | 156                                                                                                                                                                                                                                                                                                                  |
| Rocky Mountain Spotted Fever Vaccine                                                                                                                               | 17                                                                                                                                                                                                                                                                                                                   |
| Rubella and Mumps Virus Vaccine, Live                                                                                                                              | 2                                                                                                                                                                                                                                                                                                                    |
| Rubella Virus Vaccine, Live                                                                                                                                        | 2, 376, 430                                                                                                                                                                                                                                                                                                          |
| Russell Viper Venom                                                                                                                                                | 427                                                                                                                                                                                                                                                                                                                  |
| Schick Test Control                                                                                                                                                | 56, 64, 99, 121                                                                                                                                                                                                                                                                                                      |
| Single Donor Plasma (Human)                                                                                                                                        | 113, 139, 164, 165, 166, 169, 173, 182, 183, 185, 187, 190, 191, 194, 198, 201, 202, 203, 221, 222, 224, 234, 235, 240, 246, 254, 269, 272, 274, 278, 289, 295, 302, 305, 314, 321, 336, 345, 366, 373, 386, 394, 400, 402, 409, 413, 414                                                                            |
| Smallpox Vaccine                                                                                                                                                   | 1, 2, 3, 8, 17, 56, 64, 73, 99, 101                                                                                                                                                                                                                                                                                  |
| Staphylococcus Antitoxin                                                                                                                                           | 73                                                                                                                                                                                                                                                                                                                   |
| Staphylococcus Toxoid                                                                                                                                              | 1, 17, 73, 101, 110, 238                                                                                                                                                                                                                                                                                             |
| Staphylococcus Toxoid & Bacterial Antigen made from Staph. (Albus & Aureus)                                                                                        | 1, 52                                                                                                                                                                                                                                                                                                                |
| Staphylococcus Toxoid & Bacterial Vaccine made from Staphylococcus (Aureus)                                                                                        | 101                                                                                                                                                                                                                                                                                                                  |
| Staphylococcus Toxoid-Streptococcus Toxin Bacterial Vaccine made from Staphylococcus (Aureus), Streptococcus (Hemolyticus), Pneumococcus and Hemophilus Influenzae | 101                                                                                                                                                                                                                                                                                                                  |
| Streptococcus Erythrogenic Toxin                                                                                                                                   | 101                                                                                                                                                                                                                                                                                                                  |
| Streptokinase                                                                                                                                                      | 325                                                                                                                                                                                                                                                                                                                  |
| Streptokinase-Streptodornase                                                                                                                                       | 17, 97                                                                                                                                                                                                                                                                                                               |
| Tetanus Antitoxin                                                                                                                                                  | 1, 3, 17, 21, 56, 64, 73, 99, 101, 129, 238                                                                                                                                                                                                                                                                          |
| Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use)                                                                                                            | 2, 3, 17, 56, 64, 101, 121                                                                                                                                                                                                                                                                                           |
| Tetanus & Gas Gangrene Polyvalent Antitoxin                                                                                                                        | 1, 3, 17, 56, 101                                                                                                                                                                                                                                                                                                    |

| PRODUCT                          | LICENSE NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tetanus Immune Globulin (Human)  | 1, 2, 3, 8, 17, 52, 64, 99,<br>110, 140, 171, 258                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Tetanus Toxoid                   | 1, 2, 3, 8, 17, 56, 64, 73,<br>101, 110, 121, 238                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Tetanus Toxoid Adsorbed          | 1, 2, 3, 17, 21, 56, 64, 97,<br>99, 101, 110, 121, 238                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Thrombin                         | 1, 51, 156                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Trichinella Extract              | 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Tuberculin                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Old                              | 1, 17, 56, 64, 99, 121, 384                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Purified Protein Derivative      | 1, 2, 73, 351                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Typhoid Vaccine                  | 2, 3, 56, 64, 99, 101, 110, 121                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Typhoid and Paratyphoid Vaccine  | 1, 17, 56, 64, 99, 101, 110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Typhus Vaccine                   | 2, 17, 56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| V. septique Antitoxin            | 56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Vaccinia Immune Globulin (Human) | 140                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Whole Blood (Human)              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| ACD                              | 84, 99, 113, 139, 140, 154, 164, 165,<br>166, 167, 168, 169, 170, 171, 173, 175,<br>178, 181, 182, 183, 185, 187, 190, 191,<br>192, 194, 195, 197, 198, 199, 201, 202,<br>203, 204, 209, 212, 213, 214, 215, 218,<br>220, 221, 222, 224, 226, 227, 228, 230,<br>231, 233, 234, 235, 237, 239, 240, 241,<br>244, 246, 248, 249, 251, 254, 259, 260,<br>261, 263, 265, 266, 267, 268, 269, 270,<br>271, 272, 273, 274, 276, 277, 278, 284,<br>286, 288, 289, 290, 295, 296, 298, 300,<br>301, 302, 304, 305, 309, 310, 312, 313,<br>314, 315, 316, 317, 320, 321, 326, 327,<br>332, 333, 336, 339, 345, 346, 347, 348,<br>354, 355, 356, 357, 358, 360, 361, 365,<br>366, 368, 369, 371, 373, 374, 375, 380,<br>386, 387, 388, 389, 390, 391, 394, 395,<br>396, 397, 398, 399, 400, 401, 402, 403,<br>404, 405, 406, 408, 409, 410, 411, 413,<br>415, 417, 418, 419, 421, 422, 429, 431,<br>432 |
| CPD                              | 113, 140, 187, 195, 212, 214, 215, 228,<br>230, 231, 233, 237, 246, 248, 254, 259,<br>267, 269, 270, 271, 288, 290, 301, 302,<br>312, 313, 315, 327, 345, 354, 356, 366,<br>368, 373, 374, 380, 387, 398, 399, 401,<br>402, 409, 413, 419, 423, 425, 428, 429                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

| PRODUCT                        | LICENSE NUMBER                                                                                                                                                                                 |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Whole Blood (Human)<br>Heparin | 113, 164, 165, 166, 169, 173, 182, 185,<br>190, 191, 212, 221, 222, 224, 240, 241,<br>254, 268, 269, 272, 274, 295, 301, 302,<br>305, 321, 336, 345, 354, 380, 386, 396,<br>400, 401, 402, 415 |
| Yellow Fever Vaccine           | 101                                                                                                                                                                                            |

## ALPHABETICAL LIST OF BIOLOGIC PRODUCTS BY CATEGORY

### PART IV

#### *ANTITOXINS*

*B. oedematiens* Antitoxin  
Botulism Antitoxin  
Diphtheria Antitoxin  
Gas Gangrene Polyvalent Antitoxin  
Perfringens Antitoxin  
Staphylococcus Antitoxin  
Tetanus Antitoxin  
Tetanus and Gas Gangrene Polyvalent Antitoxin  
*V. septique* Antitoxin

#### *BACTERIAL ANTIGENS*

Bacterial antigens with "No U.S. Standard of Potency"  
Polyvalent bacterial antigens with "No U.S. Standard of Potency"  
*Pseudomonas* Polysaccharide

#### *BACTERIAL VACCINES*

Anthrax Vaccine Adsorbed  
BCG Vaccine  
Cholera Vaccine  
Pertussis Vaccine  
Pertussis Vaccine Adsorbed  
Plague Vaccine  
Polyvalent bacterial vaccines with "No U.S. Standard of Potency"  
Typhoid Vaccine  
Typhoid and Paratyphoid Vaccine

#### *BLOOD AND BLOOD DERIVATIVES*

Aggregated Radio-Iodinated (<sup>131</sup>I) Albumin (Human)  
Antihemophilic Factor (Human)  
Antihemophilic Globulin (Human)  
Antihemophilic Plasma (Human)  
Cryoprecipitated Antihemophilic Factor (Human)  
Factor IX Complex (Human)  
Fibrinogen (Human)  
Fibrinogen with Antihemophilic Factor (Human)  
Fibrinolysin (Human)  
Fibrinolysin and Desoxyribonuclease Combined (Bovine)  
Fibrinolysin and Desoxyribonuclease Combined (Bovine) with Chloramphenicol  
Histamine Azoprotein  
Immune Globulin (Human), Pepsin-Modified  
Immune Serum Globulin (Human)  
Measles Immune Globulin (Human)  
Modified Plasma (Bovine)  
Mumps Immune Globulin (Human)  
Normal Horse Serum  
Normal Human Plasma  
Normal Human Serum

**BLOOD AND BLOOD DERIVATIVES (Continued)**

Normal Rabbit Serum  
Normal Serum Albumin (Human)  
Pertussis Immune Globulin (Human)  
Plasma Protein Fraction (Human)  
Poliomyelitis Immune Globulin (Human)  
Profibrinolysisin (Human)  
Radio Chromated ( $Cr^{51}$ ) Serum Albumin (Human)  
Radio-Iodinated ( $^{131}I$ ) Serum Albumin (Human)  
Radio-Iodinated ( $^{125}I$ ) Serum Albumin (Human)  
Red Blood Cells (Human)  
Rho (D) Immune Globulin (Human)  
Single Donor Plasma (Human)  
Tetanus Immune Globulin (Human)  
Thrombin  
Vaccinia Immune Globulin (Human)  
Whole Blood (Human)  
ACD  
CPD  
Heparin

**DIAGNOSTIC SUBSTANCES FOR DERMAL TESTS**

Blastomycin  
Brucella Skin Test Antigen  
Coccidioidin  
Diphtheria Toxin for Schick Test  
Histoplasmin  
Lymphogranuloma Venereum Antigen  
Mumps Skin Test Antigen  
Schick Test Control  
Tuberculin  
Old  
Purified Protein Derivative

**DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS**

Absorbed Anti-A Serum  
Anti-A Blood Grouping Serum  
Anti-B Blood Grouping Serum  
Anti-A,B Blood Grouping Serum  
Anti-Dia Serum (Anti-Diego)  
Anti-Fya Serum (Anti-Duffy)  
Anti-Fyb Serum  
Anti-Gr(Vw) Serum  
Anti-Human Chorionic Gonadotropic Serum  
Anti-Human Serum  
Anti-Influenza Virus Serum for the Hemagglutination Inhibition Test  
Anti-I Serum  
Anti-Jka Serum (Anti-Kidd)

*DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS (Continued)*

Anti-Jkb Serum  
Anti-Jsa Serum (Anti-Sutter)  
Anti-k Serum (Anti-Cellano)  
Anti-K Serum (Anti-Kell)  
Anti-Kpa Serum (Anti-Penney)  
Anti-Kpb Serum (Anti-Rautenberg)  
Anti-Kpb and Anti-K Serum (Anti-Rautenberg and Anti-Kell)  
Anti-Lea Serum (Anti-Lewis)  
Anti-Lsb Serum  
Anti-Lua Serum (Anti-Lutheran)  
Anti-M Serum  
Anti-Mg Serum  
Anti-Mia Serum (Anti-Miltenberger)  
Anti-N Serum  
Anti-P Serum  
Anti-Rh Typing Serums:  
    Anti-Rho (Anti-D)  
    Anti-Rho' (Anti-CD)  
    Anti-Rho" (Anti-DE)  
    Anti-Rhorh'rh" (Anti-CDE)  
    Anti-rh' (Anti-C)  
    Anti-rh" (Anti-E)  
    Anti-hr' (Anti-c)  
    Anti-hr" (Anti-e)  
    Anti-hrv (Anti-V)  
    Anti-rhw (Anti-CW)  
    Anti-Rho + rho (Anti-D + Du)  
Anti-rhw and Anti-K Serum (Anti-(CW+Kell))  
Anti-S Serum  
Anti-s Serum  
Anti-U Serum (Anti-Ss)  
Anti-Wra Serum (Anti-Wright)  
Anti-Xga Serum  
*Haemophilus influenzae* Typing Serum  
Influenza Virus Hemagglutinating Antigen  
Pneumococcus Typing Serum  
Reagent Red Blood Cells (Human)

*MISCELLANEOUS*

Allergenic Extracts  
Allergenic Extracts Alum Precipitated  
Antivenin (*Crotalidae*) Polyvalent  
Antivenin (*Lactrodectus mactans*)  
Antivenin (*Micruurus fulvius*)  
Blood Group Specific Substance A  
Blood Group Specific Substance B  
Blood Group Specific Substances A and B  
Cobra Venom Solution  
Cobra Venom with Silicic and Formic Acids  
Collagenase  
Oxphenarsine Hydrochloride

*MISCELLANEOUS (Continued)*

Poison Ivy Extract  
Poison Ivy Extract Alum Precipitated  
Poison Ivy-Oak-Sumac Extracts Combined  
Poison Ivy-Poison Oak Extracts Combined  
Poison Oak Extract  
Poison Sumac Extract  
Reagent Blood Group Specific Substances A and B  
Russell Viper Venom  
Streptokinase  
Streptokinase-Streptodornase  
Trichinella Extract

*MODIFIED BACTERIAL ANTIGENS*

Polyvalent modified bacterial antigens with "No U.S. Standard of Potency"

*MULTIPLE ANTIGEN PREPARATIONS*

Adenovirus and Influenza Virus Vaccines Combined Aluminum Phosphate Adsorbed  
Diphtheria and Tetanus Toxoids  
Diphtheria and Tetanus Toxoids Adsorbed  
Diphtheria and Tetanus Toxoids and Pertussis Vaccine  
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed  
Diphtheria & Tetanus Toxoids & Pertussis Vaccine Adsorbed & Poliomyelitis  
Vaccine  
Diphtheria & Tetanus Toxoids & Pertussis & Poliomyelitis Vaccines Adsorbed  
Diphtheria Toxoid and Pertussis Vaccine Adsorbed  
Measles-Smallpox Vaccine, Live  
Staphylococcus Toxoid and Bacterial Antigen made from Staphylococcus  
(Albus and Aureus)  
Staphylococcus Toxoid and Bacterial Vaccine made from Staphylococcus (Aureus)  
Staphylococcus Toxoid-Streptococcus Toxin-Bacterial Vaccine made from  
Staphylococcus (Aureus), Streptococcus (Hemolyticus), Pneumococcus and  
Hemophilus Influenzae  
Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use)

*SENSITIZED BACTERIAL VACCINES*

Polyvalent sensitized bacterial vaccines with "No U.S. Standard of Potency"

*THERAPEUTIC IMMUNE SERUMS*

Anti-*Hemophilus influenzae* Type b Serum  
Antirabies Serum

**TOXOIDS AND TOXINS FOR IMMUNIZATION**

Diphtheria Toxoid  
Diphtheria Toxoid Adsorbed  
Staphylococcus Toxoid  
Streptococcus Erythrogenic Toxin  
Tetanus Toxoid  
Tetanus Toxoid Adsorbed

**VIRAL AND RICKETTSIAL VACCINES**

Adenovirus Vaccine  
Influenza Virus Vaccine  
Measles Virus Vaccine, Inactivated  
Measles Virus Vaccine, Live, Attenuated  
Mumps Vaccine  
Mumps Virus Vaccine, Live  
Poliomyelitis Vaccine  
Poliomyelitis Vaccine Adsorbed  
Poliovirus Vaccine, Live, Oral, Trivalent  
Poliovirus Vaccine, Live, Oral, Type 1  
Poliovirus Vaccine, Live, Oral, Type 2  
Poliovirus Vaccine, Live, Oral, Type 3  
Rabies Vaccine  
Rocky Mountain Spotted Fever Vaccine  
Rubella and Mumps Virus Vaccine, Live  
Rubella Virus Vaccine, Live  
Smallpox Vaccine  
Typhus Vaccine  
Yellow Fever Vaccine

